Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 136 SEPTEMBER 25, 1939 Number 13

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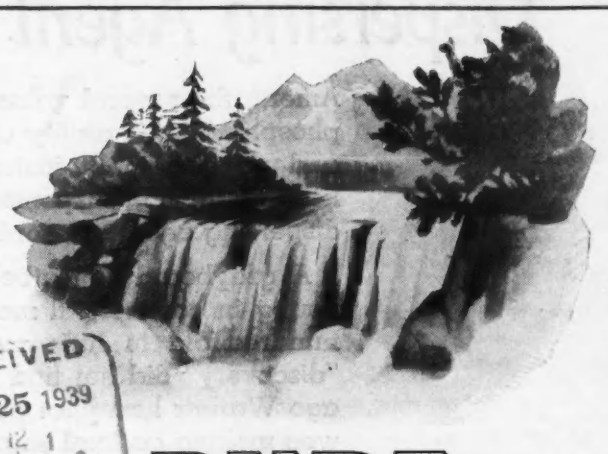

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Naval Stores Parley On Conservation Sept. 26

OPD Washington Bureau
September 21, 1939

A proposed naval stores conservation program for 1940 will be discussed by representatives of the U. S. Forest Service and naval stores producers at a general conference in Jacksonville, Fla., September 26.

A tentative draft of the program has already been circulated in the industry, but further changes may be made before it is promulgated. The tentative 1940 program calls for a curtailment of cropage of 20 per cent below the 1938 base. The 1939 program called for a 15 per cent reduction but the curtailment was actually about 30 per cent.

If the tentative program is approved it is expected to result in a total yield of between 20,000 and 30,000 units more than the 1939 yield of approximately 400,000 units because the new program does not carry inducements for curtailing production beyond the minimum through benefit payments for not working faces higher than 90 inches.

Benefit payments will be simply for net reduction in cropage, although there are restrictions against working trees of small diameter. The total cost to the government for the 1940 program is estimated to be between $1,000,000 and $1,500,000, as compared with the cost of the 1939 program of approximately $1,600,000 and the cost of the 1938 program of slightly under $1,000,000.

F.T.C. Cites Ass'n. For Sales Breakdown

OPD Washington Bureau
September 23, 1939

Alleging a combination and conspiracy to fix and maintain uniform prices of transparent cellulose sheeting products, the Federal Trade Commission has issued a complaint against nine members of the transparent materials converting industry and their trade association. The manufacturer-members are dominant factors in their industry, controlling more than 90 percent of the country's output and sale of such products, according to the complaint.

Respondents in the case are National Converters Institute, Chicago, the trade association; Shellmar Products Company, Chicago; Milprint Products Corporation, Milwaukee; Traver Paper and Manufacturing Company, Chicago; Dobeckmum Company, Cleveland; Dennison Manufacturing Company, Framingham, Mass.; Caton Printing Company, Kansas City, Mo.; Thomas M. Royal & Co., Philadelphia; Nashua Gummed & Coated Paper Company, Nashua, N. H., and Pioneer Wrapper and Printing Company, Los Angeles. The complaint also names as a respondent, Richard M. McClure, Chicago, secre-

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Trade Association Opportunities Stressed

Opportunities for constructive effort on the part of trade associations are increasing every day was the opinion voiced by Herman Fakler, president of the American Trade Association executives in its twentieth annual meeting September 20-23 in the Westchester Country Club, Harrison, N. Y. He continued in his report that the association was keeping abreast of the progress of events, and that the present period affords trade association executives the leadership, the opportunity for counsel and advice, and the current information needed to meet the ever increasing responsibilites to the industries served, to the public generally, and to the government.

Among the addresses heard during the convention were:—"The Logical Relation Between Colleges of Business Administration and the Trade Association," by Dr. H. H. Maynard, of Ohio State University; "Effect of the Federal

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Hankow Tung Oil Shipments to Start

OPD Washington Bureau
September 21, 1939

Actual shipment from Hankow of chinawood oil owned by American firms has not yet been started, according to information reaching the State Department, although it in informed that details are being completed for the release of this oil, the announcement of which development was published exclusively in the September 18 issue of the REPORTER. Agents for American owners of the oil, which has been tied up at Hankow for many months because of Japanese military operations in China, are understood to be cooperating with the American consulate at Hankow and Japanese officials there in allocating among themselves the space available on the first Japanese tanker available to transport the oil to the United States. The vessel is expected to be ready to sail within a few days.

Manufacturers Urged To Shun Profiteering

Vigilance against any price or profit policies not justified by actual cost and anticipated cost of replacement was urged upon the members of the National Association of Manufacturers, in a statement by Howard Coonley, president of the association. Asserting that industry is the keystone of preparedness and peace, Mr. Coonley said that manufacturers will not relax their effort to achieve and maintain sound improvement in domestic economy.

That all industry and most particularly the chemical industry, reaps profits from war is the popular misconception, Charles Belknap, executive vice-president of the Monsanto Chemical Company, writes in an article published in the *Monsanto Magazine*. Mr. Belknap holds that the chemical industry and business in general loses when this or any other major nation bears arms. He says, in part:—

As a matter of fact, to the best of my knowledge as far as Monsanto is concerned, not a single one of this company's products is going di-

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Chemical World Trade Rules Undergo Further Tightening

The erection of more stringent trade barriers throughout the world and the seizure of additional contraband cargoes by the belligerent nations constituted the major repercussions from the European war affecting United States marine commerce last week.

Included in the latest list of material detained thus far by contraband control were 25,700 tons of manganese, 20,000 tons of petroleum products, 15,500 tons of iron ore, 15,500 tons of aluminum ore, 10,000 tons of phosphates, 5,700 tons of pyrites, 4,500 tons of haematite ore, 3,500 tons of soybeans, 2,800 tons of cottonseed cake, 1,500 tons of potash of chlorate, 630 tons of copra, 450 tons of palm kernels, 400 tons of molybdenite concentrates, 250 tons of copper cathodes, 200 tons of rubber, 165 tons of graphite, 160 tons of wolframite and a number of other products.

The commodities which will be regarded by Germany as contraband of war, if destined for enemy territory or for the enemy forces, have been designated in a law of September 12, 1939, according to a cablegram of September 19 from the American Embassy in Berlin.

Absolute Contraband

The following articles and materials will be regarded as absolute contraband:—Arms of all kinds, their component parts and their accessories; ammunition and parts thereof, bombs, torpedoes, mines and other types of projectiles; appliances to be used for the shooting or dropping of those projectiles; powder and explosives, including detonators and igniting materials; warships of all kinds, their competent parts and their accessories; military aircraft of all kinds, their component parts and their accessories; airplane engines; tanks, armored cars and armored trains; armor plate of all kinds; chemical substances for military purposes; appliances and machines used for shooting or spreading them; articles of military clothing and equipment; means of communication, signaling and military illumination and their component parts; means of transportation and their component parts; fuels and heating substances of all kinds; lubricating oils; gold, silver, means of payment, evidences of indebtedness; apparatus, tools, machines and materials for the manufacture or for the utilization of the articles and products named in numbers 1 to 11.

Conditional Contraband

The following articles and materials will be regarded as conditional contraband:—Foodstuffs (including live animals), beverages and tobacco and the like, fodder and clothing, articles and materials used for their preparation or manufacture.

Belgium Restrictions

The Belgian government has authorized the Minister of Economic Affairs to subject the importation, exportation and transit of various raw materials, foodstuffs, war materials, machinery, vehicles and pharmaceuticals to license control. Among the products subject to export permits are:—

Vegetable or animal oils and greases, salt, chicory root, chemical fertilizers, chloride of lime; all oils used as fuels or lubricants, crude petroleum and coaltar distillation products; oilseeds and oleagin-

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Potash Industry to Discuss Probe with D.of C.

OPD Washington Bureau
September 21, 1939

Another in the series of conferences between officials of the Department of Commerce and representatives of the potash industry is scheduled to be held the first week in October to discuss antitrust law charges which have been brought against the potash and other branches of the fertilizer industry by the Department of Justice.

Several such conferences were held late in the Spring in an attempt of the department to serve as an intermediary between the antitrust division and industries charged with practices considered to be in violation of the law, and potash companies have since returned answers to questionnaires sent by the department giving much detail on the nature and structure of the business. It is understood that a Federal grand jury in New York has returned a sealed indictment against the potash industry, but that the indictment has not been officially filed, and that one purpose of the forthcoming conference may be to discuss the terms of a possible consent decree which would obviate prosecution of the supposed indictment.

U.S. Building Stocks Of Strategic Minerals

OPD Washington Bureau
September 20, 1939

The first steps in building up stock piles of strategic minerals for national defense were taken by the Procurement Division of the Treasury Department yesterday and today in advertising for bids for manganese, tungsten and chrome ores.

The purchases will be made under the terms of the Thomas-Faddis act which authorizes expenditure of $100,000,000 during the next four years for acquiring reserve stocks of essential materials selected by the joint Army and Navy Munitions Board. An appropriation of $10,000,000 is available for the current fiscal year. The bids require the furnishing of material from new importations or domestic production rather than from warehoused stocks, and the law requires that purchases be held in reserve for military emergency except that stocks liable to deterioration may be rotated.

While the contract forms carry the usual requirement that material supplied be from domestic sources if such are available, the specifications are so framed that either domestic or foreign ores can be acquired. Under provisions of the "buy American" act the Army and Navy may in their discretion pay domestic producers a premium over foreign materials.

No quantities are specified in the request for bids, and it has not been disclosed how much of the $10,000,000 the munitions board desires to spend on these three commodities. Bidders are

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Potash Position Analyzed

A study of the domestic potash chemical industry emphasizes that the present situation is not at all analagous to that of the 1914-18 war period, at the outbreak of which the United States was wholly dependent upon foreign sources of potash salts. To illustrate that period the following table shows the estimated potash consumption in agriculture in the United States with 1913 included to provide contrast.

Year.	Tons K_2O.
1913	250,000
1914	190,000
1915	48,000
1916	18,000
1917	35,000
1918	40,000

The 1914 consumption of approximately 190,000 tons K_2O undoubtedly came from imported stocks still held in this country at the outbreak of hostilities, the same statement applying also to 1915. As the result of such drastic depletion in supplies with the resulting high price, $6 per unit K_2O as muriate and as high as $10 per unit as sulphate, a strenuous effort was made to produce potash from the various potash raw materials occurring within the United States. Thus, by 1918 there were 128 such plants, 77 exclusive of wood ash producers, with an output of 54,800 tons K_2O. In 1918 the chemical industries consumed an estimated 15,000 tons, or 28 percent, of domestic production.

Despite the abundant supplies of raw materials, principally high-grade muriate of domestic origin, imports of miscellaneous potash chemicals into the United States have been relatively large, based on a five-year average, 1934-38, as the following table illustrates:—

	Short tons. Material.	Approximate equivalent K_2O content—Tons.
Bitartrate	10,417	2,300
Carbonate	2,209	1,370
Caustic	1,378	1,100
Chlorate and perchlorate.	6,607	2,660
Cyanide	45	30
Nitrate	1,024	450
All other	802	300
Totals	22,542	5,910
Nitrate (duty free)	16,000	6,500

A breakdown of the imports indicated that 80 percent originated in Germany, the remaining 20 percent being distributed among the Netherlands, China, Sweden, Japan, France, Switzerland and Russia as countries of origin. The present status of potash chemical production in this country is revealed by the following table:—

	Tons material.
Carbonate and bicarbonate	6,081
Chromate and bichromate	2,359
Citrate	100
Caustic	10,839
Iodides	306
Sulphate (potash and chrom-alum)	3,227
Bitartrate (cream of tartar)	2,540
Total	25,452

—Continued on page 52

Closing Market Developments

London Closing Cable

LONDON, Sept. 22, 1939

Quotations on carnauba wax were 190s per hundredweight; beeswax, 190s per hundredweight; quicksilver, ex store, $108 per flask.

Midcontinent Crude Wax Up

A heavier call for stocks of crude scale wax in the Midcontinent area resulted in ½c. per pound increase late last week. The 122-24 material was offered at 3.45c. per pound and the 124-126 was at 3.50c.

Antimony White Pigment Up

Antimony white pigment was advanced ½c. per pound late last week to a new level of 15c. The quoted price was purely nominal.

Natural Gasoline Advanced

A broader demand prompted suppliers of natural gasoline in the Midcontinent to advance prices ¼c. per gallon late last week. The 26-70 material was quoted at 4¼c. per gallon and the 18-55 at 5⅛c.

Gasoline Up in Midcontinent

Several refiners in the Midcontinent area advanced motor fuel ¼c. per gallon in tankcars late last week and indications were that other suppliers would equal the move.

Soft Mercurials Higher

Prices on soft mercurials were announced at higher levels last Friday afternoon. The new quotations were as follows:—Blue mass, $1.47 per pound; powder,, $1.49; mercury bisulphate, drums, $2.49, jars, $1.51, 5-pound bottles, $2.62 to $2.64; mercury with chalk, $1.50 to $1.65; mercury ointment, 50 percent, $1.79 to $1.81; 30 percent, $1.24 to $1.26; mercury iodide, red, drums and cans, $4.30 to $4.35, bottles, $4.41 to $4.45; yellow, drums and cans, $4.40; bottles, $4.51 to $4.55.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday, prices advancing moderately. Lard was stronger and commission houses and shorts were buyers. Trade interests were credited with sales on the upturn. Closing prices on Friday were about 15 points above the final quotations of the previous week, with January at 7.60c., and March, 7.50c. Southern markets for cottonseed products had a firmer tone.

Copper Firmer

Domestic electrolytic copper was firm at 12c. per pound, with little interest evident late in the week. Lake copper sold fractionally higher at 12⅛c. per pound, while the outside market was quoted at 12¼c. Little buying developed for export and quotations ranged from 11½c. to 12c. per pound.

Miscellaneous Oil Firm

Vegetable, animal and fish oils, fats and greases continued to display strength at the close of last week. The inquiry was active throughout the list. Offerings remained light and quotations in many instances were merely nominal.

Linseed Oil Higher

Linseed oil was advanced four points by one crusher late on Friday to 10.4c. per pound in tankcars. In other quarters quotations ranged from 9.8c. to 10c. per pound.

Casein Price Advanced Again

Casein suppliers again boosted the price of domestic material late last week following an advance earlier in the period. The second increase was ¼c. per pound, bringing car lot quotations for 122-24 material to 20½c. and 124-26 material to 21c. A large shipment of Argentine casein was reported sent to this country during the latter part of the week.

Tin Tetrachloride Unchanged

Sellers maintained price of tin tetrachloride at 32c. per pound late in the week. Straits metal was nominal at 70c. per pound, the high for the period. No quotations were obtainable for soda stannate, anhydrous stannous chloride and tin crystals.

Texas Wells on 7-Day Week

Austin, Sept. 22, 1939

With the exception of the East Texas field, the Saturday and Sunday shutdown of oil wells will be lifted in this State during October, the Railroad Commission announced today. It is estimated by the commission that allowable production during October will be approximately 60,000 barrels daily below the Bureau of Mines estimated market demand for Texas crude for that month.

Chemical Index Rises Again

Advancing prices continued to be the leading feature in the drug and fine chemical markets last week. Buying was brisk in both divisions and appeared to be the result of consumer operations intended to cover spot and distant future needs. Unusual buying brought about a depletion of stocks in the hands of processors and many items were sold ahead close to the end of the year. Operating schedules have been stepped-up generally, requiring replenishment of depleted inventories.

Reports in the several markets give details of all changes, the more important of which were as follows:—Antimony metal, castor oil, chlorate and nitrate of barium, copper carbonate, chloride, and sulphate, domestic and imported fluorspar and casein, Japanese natural camphor, menthol, some organic fertilizer materials, quicksilver and mercurials, silicofluoride of soda, sulfanilamide, tartaric acid and tartrates, thymol, turpentine, and F and G grades of gum rosin, Straits tin, and tetrachloride of tin.

The REPORTER'S composite index of prices for heavy and fine chemicals rose to 127.5 (100 = average at August 1, 1914), its highest point since November, 1937. In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.3 compared with 89.0 at this time last year and 90.3 in 1937.

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N.P.V.L.A. Renews Stand On Freight Classification

At a meeting in Cleveland to consider issues arising in connection with the contemplated revision of the Freight Classification, the traffic committee of the National Paint, Varnish and Lacquer Association reaffirmed its approval of the transferance of 'Exceptions to the Classification' to the classification proper, according to E. A. Leveille, chairman of the committee.

Mr. Leveille pointed out that currently, the classification rating is third class, uniformly 70 percent of first class rates. The 'exceptions' rating, fourth class, on the other hand, denotes rates 50 percent of first class, and 55 percent of first class, depending upon the area. A uniform rating of fourth class reflects, the committee believes, the proper relationship.

The traffic committee, Mr. Leveille said, does not favor a general reduction in minimum weights, but the rapidity with which the distribution of finishes in ten-ton lots is absorbing what was formerly carload business justifies consideration, and the publication of fifth class for ten tons will equalize competitive conditions to that extent; and enable present and prospective patrons to patronize rail services, without the exaction of the premium the current less carload rating entails.

There remains, of course, he said, a considerable tonnage of finishes distributed in carloads of an average weight of twenty-two tons, and to preserve this and promote the carload as a unit of distribution, the establishment of a rating somewhat lower than fifth class, possibly sixth class, would, in its opinion, be constructive.

Further uniformity of ratings in the classification was approved in principle, he explained, with the reservation that this does not contemplate increasing the charges for transportation services, which are already so high as to interpose definite limitations upon the expansion of marketing areas.

A proposal to establish one classification for all forms of transportation did not meet unanimous approval, Mr. Leveille said. It was pointed out that as to package specifications and descriptions, this suggestion possessed merit, but as to rules and ratings, truck transportation presents an entirely dif-

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N.Y. Paint Club Appoints 1939-40 Chairmen

Committee chairmen for the 1939-40 season were named by M. J. Merkin, president of the New York Paint, Varnish and Lacquer Association at a dinner meeting held September 21 in the Hotel Biltmore, this city. Approximately 300 members attended.

Chairman named were:—Trade sales committee, Ralph H. Everett, of the Keystone Varnish Company; industrial sales, Paul S. Kennedy of Murphy Varnish Company; program-entertainment, D. J. Healy of the Spencer-Kellogg Company; clean-up and paint, A. E. Horn of the A. C. Horn Company; production, Everett J. Cole of the Manufacturers Varnish Company; acquaintance, E. S. Blackledge, former vice-president of Devoe & Raynolds Company; constitution and by-laws, H. M. Howard of the Thibaut & Walker Company; credits and collections, Martin B. Weinstock of M. J. Merkin Company; legislative, O. J. S. de Brun of the Egyptian Lacquer Company; membership, Thomas J. Starkie of Wishnick-Tumpeer, Inc.; raw materials, J. P. Dunphy of New Jersey Zinc; traffic, J. J. A. Winzenreid of Devoe & Raynolds; transportation, G. Austin Wharry of the G. A. Wharry Company. President Merkin is chairman of the executive committee, and Thurslow J. Campbell, former president, was named vice chairman.

Lightbody to Direct Biochemical Study in West

OPD Washington Bureau
September 22, 1939

Dr. Howard D. Lightbody has been named head of the biochemistry division of the Department of Agriculture's western regional research laboratory, Albany, California, it was announced today. He will concentrate on problems related to the preparation of biologically active substances and the development of biochemical methods useful in the processing and storage of farm commodities. Since 1931, Dr. Lightbody has been engaged in biochemical research and regulatory work with the Food and Drug Administration.

Quinine Sulphate Labeling Scrutinized by F.D.A.

OPD Washington Bureau
September 21, 1939

Inspectors of the Food and Drug Administration have been ordered to pay special attention to stocks of quinine sulphate moving in interstate commerce to be sure that they comply with the requirements of the eleventh revision of the United States Pharmacopoeia. A number of seizures have been made and more are contemplated.

The basis of action is that the quinine complies with the requirement of the tenth revision and is not properly labeled to show wherein it differs from the current requirement. The U.S.P. XI, which has been in effect since June 1, 1936, requires a compact and stable form of quinine sulphate with only two molecules of water to one of quinine, whereas U.S.P. X permitted full water of crystallization containing seven or eight molecules of water molecule of quinine, resulting in a fluffy, bulky product which rapidly lost volume if exposed to the air through evaporation of water of crystallization.

There is reported to be a market for the fluffy quinine of the U.S.P. X, and department officials state that this may be sold if labeled in strict accordance with the regulations interpreting the variation clause to show all respect in which the quinine differs from U.S.P. XI. Some of the quinine recently seized is labeled simply "U.S.P. X" or "Contains 10 percent more water than U.S.P. XI." This labeling is not considered proper compliance with the variation clause since the U.S.P. X is now

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Narcotics Research Foundation Formed

OPD Washington Bureau
September 22, 1939

The World Narcotics Research Foundation, headed by Dr. Henry Smith Williams, Los Angeles author and physician, as chairman, and more than a score of scientists in the United States and Canada as directors, has been formed with Elton R. Shaw as executive secretary. Headquarters will be maintained at 1405 Eye street, N. W., this city.

Organized to wage war on the drug evil, the World Narcotics Research Foundation plans important international activities, and endorses a joint congressional resolution of Representative John M. Coffee of the State of Washington calling for an investigation of the narcotic situation in the United States for the past twenty-five years. It approves Representative Coffee's contention that the present policy of the Federal Narcotics Bureau has failed to reduce the use of and traffic in drugs and that drugs should be rationed to addicts by State and Federal clinics in minimum and gradually decreasing amounts and with due precautions against abuses such as registration and fingerprinting.

Drug Act Color Rules Revisions in Effect

OPD Washington Bureau
September 18, 1939

Amendments to the regulations for certification of coaltar colors for use in foods, drugs, and cosmetics were promulgated today by the Secretary of Agriculture, who issued a finding that an emergency exists requiring that the new regulations become effective immediately instead of ninety days hence.

The amendments are virtually the same as were published in advance of hearings in July, and add thirty-one new colors to the certifiable list and make a number of changes in specifications for colors on the original list. No objections to these changes were raised at the hearings.

The emergency finding of the secretary was based on the fact that after January 1, 1940, no coaltar colors may be used in foods, drugs, and cosmetic except from certified batches, and it is, therefore, necessary to make the additional colors available at once.

The Food and Drug Administration plans to schedule hearings in the near future on additional amendments designed to lighten the restrictions and adjust the certification fees for small batches of coaltar colors for household use.

N. J. 'Loss Leader' Law Held Invalid

Trenton, Sept. 19, 1939

The New Jersey fair sales law was declared invalid today by the State Supreme Court. The act, passed in 1938, prohibited sale of merchandise at less than cost, the use of "loss leaders" to attract retail attention, and advertising goods for sale under cost. The decision of the higher court upheld a Bergen County Court decision. The test case, carried to the upper court by Harry Lief, president of the New Jersey Retail Grocers' Association, charged the Packard-Bamberger Company, super-market operator, with violating the law.

F.W.D.A. Secretaryship Is Held Open

Hot Springs, Va., Sept. 22, 1939

Discussions of trade problems in the twenty-fourth annual meeting of the Federal Wholesale Druggists Association, closing here today, was confined

S. C. James
New F.W.D.A. President

largely to the separate, informal sessions of the active (wholesaler) and of the associate (manufacturer) members. These discussions had to do with selling policies, with trade abuses, and with the operations of drug, advertising, and other laws.

An exception of open presentation was the talk at today's session by Keith Keller, on "Mutual Problems of the Manufacturer and the Retail Druggist." Mr. Keller commented on various merchandising problems in which the interests of manufacturer and retailer have much in common and differ largely in attitude.

—*Continued on page* 46

Laboratories Group Plans Valid Certification Policy

Policies and plans in conjunction with technical services to the government as part of preparedness for an emergency were discussed at a meeting of the American Council of Commercial Laboratories, held in this city, September 18-19. Other subjects of discussion included the formulation of definite policies on the valid certification of merchandise and means of enforcing correct representations of reports when such test findings are passed on by industry to the ultimate consumer.

The council was organized by nineteen representative laboratories to serve as a nucleus for membership of other laboratories that are adequately equipped and organized to render competent technical services. Laboratories eligible for membership must have substantial investments in laboratory equipment, high professional standing, and subscribe to policies of ethical conduct and laboratory operation. Officers of the council are:—President, Preston S. Millar, this city; vice-president, M. L. Parzig, Des Moines, Iowa; secretary, D. E. Douty, Hoboken, N.J.; and treasurer, A. R. Ellis, Pittsburgh.

Textile Chemists Ass'n Reviews Research in Finishing Processes

Boston, Sept. 18, 1939

Recent advances in the technical knowledge and science of textile processing featured the discussions of the nineteenth annual meeting of the American Association of Textile Chemists and Colorists held September 15-16 in the Copley-Plaza hotel. Interesting papers presented at the sessions included a preliminary survey of the dyeing of "Nylon", the newest of the synthetic textiles; a dissertation on semi-resin finishes for cotton goods; and the present status of casein fibers.

The report of the nominating committee, submitted just prior to the convention, chose Carl Z. Draves, of the General Dyestuff Corporation, as the next president of the organization. The report also advocated the re-election of Duncan Ferguson and Arthur R. Thompson, jr., as vice presidents; William R. Moorhouse, of the National Aniline & Chemical Company, as treasurer; and Harold C. Chapin, of the Lowell Textile Institute, as secretary.

The association membership will cast a mail ballot on the committee's report.

In his study of the dyeing of "Nylon," P. H. Stott, of the dyestuffs division of E. I. duPont de Nemours & Co. summarized the work to date, discussed the most suitable dyestuffs yet found for the dyeing of hosiery and yarn based on semi-plant experiments, and gave an indication of the cross-dye possibilities existing in the use of Nylon with other textile fabrics.

The paper on semi-resin finishes for cotton goods was delivered by W. W. Trowell, of the Hercules Powder Company. He described the recent combination of well-known textile finishing agents with thermoplastic resin which results in the semi-resin finishes. This new thermoplastic resin has shown excellent compatibility with the gums, starches, oils, softeners, and similar items currently employed in textile finishing, it was stated.

E. O. Whittier and S. P. Gould, of the United States Department of Agriculture prepared the paper entitled "The Present Status of Casein Fiber." Manufactured for the first time on a commercial scale in Italy in 1936, production there was now said to have reached 10,000,000 pounds a year. In this country several large rayon producers have done investigative work, it was stated, and one large dairy concern is planning to start production soon in Rhode Island.

The formation under a microscope of dyes from the intermediates was shown in a paper presented as a motion picture in color by R. H. Kienle and G. L. Royer, of the Calco Chemical Company. The dyeing of wool was likewise shown so that the coloration of the individual fibers was evident. To demonstrate the difference in behavior, the dyeing procedure was also carried out under the microscope on casein wool with the same dyestuffs used on the natural product. Fiber identification through the use of a mixture containing dyes substantive to only a certain type of fiber was also demonstrated.

A description of "Textone," a new oxidizing agent for the treatment of textiles, was presented in a paper prepared by A. L. Dubeau, J. D. MacMahon, and G. P. Vincent, of the Mathieson Alkali Works. It revealed that this oxidizing agent contains better than 80 percent sodium chlorite, and had an oxidizing value, calculated as available chlorine, of approximately 130 percent. However, unlike hypochlorite it was said not to liberate chlorine when acidified, but chlorine dioxide, and therefore applicable under acidic conditions on cellulose derivatives such as cellulose acetate even at the boiling point of water.

Latin American Trade Of British $9,000,000

The United Kingdom has made considerable progress as a supplier of chemicals and related products to Latin American countries in recent years, particularly to the Republics of Argentina, Chile and Brazil, according to the Chemical Division of the Department of Commerce. In 1938 shipments of such products from the United Kingdom to Latin American countries, including Mexico, Central America and the Caribbean area were valued at about $9,300,000, which was slightly less than the value of such shipments from France to these areas and compares with Germany's share of approximately $30,000,000.

Argentina was the largest purchaser of British chemicals and related product last year, taking goods valued at more than $4,000,000, which consisted mainly of sodium compounds, and animal dips; followed by Brazil with products valued at $2,300,000, fifty percent of which consisted of sodium compounds, the balance being made of medicinals, paints, and miscellaneous chemicals; and Chile, $723,000. Other leading markets for British chemicals and related products last year, included Mexico with purchases valued at $353,000; Uruguay, $365,000; Colombia, $332,000; Cuba, $269,000; Haiti, $242,000; Peru, $244,000 and Venezuela, $223,000.

Approximately one-third of all British chemicals and related products shipped to Latin American areas last year, or products valued at $3,000,000, consisted of sodium compounds; shipments of paint products were valued at $1,400,000; disinfectants and insecticides, mainly animal dips to the Argentine, $1,300,000; medicines and pharmaceuticals, $418,000; and soaps, $338,000 The balance of British chemicals and related products sold to Latin American countries last year consisted of a wide line of products, including waxes, heavy chemicals and chemical specialties.

TNEC to Get Oil Industry Analysis Today

OPD Washington Bureau
September 21, 1939

An economic analysis of the petroleum industry and its position in relation to national defense will be presented to the Temporary National Economic Committee at hearings beginning today.

Special interest is being taken in these hearings for a number of reasons. It is the first basic industry to be taken up by the Committee for a complete study of all phases and ramifications, and also it is an experiment in procedure in that the industry was invited to tell its own story, or, in effect, to investigate itself.

The oil hearings are the first of general importance to be held since the outbreak of war in Europe, and because of the importance of the oil industry in national defense it is understood that the plan of presentation has been revised somewhat to place particular emphasis on conditions in the industry pertaining to conservation and restrictions which might hamper

—*Continued on page 52*

French Chemical Exports To So. America Heavy

OPD Washington Bureau
September 15, 1939

France has made considerable progress as a supplier of chemicals and related products to Latin American countries during the past decade, standing second in that respect among European nations and being exceeded only by Germany, according to the Chemical Division of the Department of Commerce.

In 1938 shipments of such products from France to Latin American countries, including Mexico, Central America, and the Caribbean area, were valued at about $11,000,000, which was slightly in excess of the value of shipments from the United Kingdom to these areas, and compared with Germany's share estimated at approximately $30,000,000.

French exporters of medicinal and pharmaceutical products to these areas have made the greatest headway, according to the Chemical Division, which estimates that shipments of such products were valued at approximately $5,200,000 in 1938, or 45 percent of all chemicals and related products shipped from France to the Latin American area during that year.

More than 90 percent of the total amount of medicinals shipped to that area from France in 1938 was taken by six of the Republics, namely, Mexico, with purchases valued at $1,053,000; Cuba, $1,013,000; Venezuela, $781,000; Co-

—*Continued on page 52*

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A Guaranty of MERCK *Purity & Reliability*

MERCK EPHEDRINE

Ample supplies of this important drug are now available in all forms. The raw materials used in the manufacture of the synthetic product, which is official in the United States Pharmacopoeia, are not affected by the European war situation.

We are prepared to take care of your requirements and we quote for the manufacturing and wholesale trade, on the usual terms, as follows:

★ EPHEDRINE ALKALOID U. S. P. ★

*100 oz. s.c.b.	oz.	$1.60
*1000 oz. lots	10¢ oz.	less
50 oz. s.c.b.	oz.	1.70
25 oz. s.c.b.	oz.	1.80
16 oz. s.c.b.	oz.	1.90
4 oz. s.c.b.	oz.	2.00
1 oz. s.c.b.	oz.	2.10
⅛ oz. s.c.b.	oz.	2.60
15 gr. s.c.b.	bot.	.25

★ EPHEDRINE ALKALOID U. S. P. ANHYDROUS ★

*100 oz. s.c.b.	oz.	$1.60
*1000 oz. lots	10¢ oz.	less
50 oz. s.c.b.	oz.	1.70
25 oz. s.c.b.	oz.	1.80

★ EPHEDRINE HYDROCHLORIDE U. S. P. CRYST. ★
EPHEDRINE SULFATE U. S. P. CRYST. & POWDER

*100 oz. tin	oz.	$1.35
*1000 oz. lots	10¢ oz.	less
50 oz. tin	oz.	1.45
25 oz. tin	oz.	1.55
16 oz. s.c.b.	oz.	1.65
4 oz. s.c.b.	oz.	1.75
1 oz. s.c.b.	oz.	1.85
⅛ oz. s.c.b.	oz.	2.35
15 gr. s.c.b.	bot.	.23

Merck Synthetic Ephedrine is optically active and is equivalent to the natural product in every respect. It should not be confused with the Racemic Synthetic Ephedrine, the optically inactive form, which is far less potent.

We invite your inquiries for spot *shipment.*

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.
NEW YORK • PHILADELPHIA • ST. LOUIS

Current Market Quotations

September 22, 1939

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms, c.l., dlvd....lb. .05¾ .06
l.c.l., dlvd.....lb. .06¼- .06½
tanks, dlvd.....lb. .04¼- .05
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.28 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP. al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 80%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10¾- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls...lb. .40 - —
powd., 80 mesh, 200-lb. bbls...lb. .40 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .35
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -128.00
powd., bbls., contracts, 80 tons, dlvd., ton..111.00 - —
c.l., dlvd.....ton.116.60 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .14 - .14½
Acid, caprolc, dms., works....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14 - .14½
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .02 - —
Chromic, 99%, dms., c.l., dlvd. N. Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N. Y. lb. .15¾- —
Dms., smaller quantities, dlvd., N. Y..lb. .16¼- .17¼
Cinnamic, refd., bots..... lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb, lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .11¼- .11¾
Corn, dist., dms.....lb. .10 Nom.
Cottonseed oil, dist., dms....lb. .08½- .09½
tanks .....lb. .08 - —
Cresylic, high-boil, dom., c.l., works, frt equld..gal. .49 - —
l.c.l., same basis.....gal. .50 - —
Special blends, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .55 - —
l.c.l., same basis.....gal. .56 - —
imported, pale, dms.....gal. No prices
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 Nom.
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 Nom.
single bbls.....lb. .80 Nom.
flb. dms., 25 lbs.....lb. .81 Nom.
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11¼- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works...100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade .....lb. .12¾- .14¼
80% 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22¼
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .15¼- .15¾
Laurent's, bbls. .....lb. .45 - —
Linseed oil, dark, dms.....lb. .11½ Nom.
light, dms.....lb. .12½ Nom.
extra white, dist., dms...lb. .13¾- .14¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks works .....100 lbs. 1.15 - —
22°, cbys., c.l., E. works.. 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
cryst., gran., bbls., car lots.lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .18¼- .18¾
Naphthenic, dom., acidity, 160, dms., c.l., works..lb. .07½- —
l.c.l., dms., works.....lb. .08 - —
tanks, works.....lb. .07 - —
200-220, dms., c.l., works..lb. .09½- —
l.c.l., dms., works.....lb. .10 - —
tanks, works.....lb. .09 - —
240, dms., c.l., works.....lb. .10 - —
l.c.l., dms., works.....lb. .10½- —
tanks, works.....lb. .09½- —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .07¾- .08¼
tanks .....lb. .07¼- —
Phenylacetic, bots.....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1.710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1.347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 Nom.
cns. .....lb. 1.10 Nom.
USP, cryst., cns.....lb. 1.45 Nom.
resubl., cns.....lb. 2.05 Nom.
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech. dms., c.l., works....lb. .27 - —
l.c.l., dms., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP. bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .09½- .09¾
Stearic, distil., double pressed, bgs., dlvd..lb. .12½- .13½
single pressed, bgs., dlvd.lb. .12 - .13½
triple pressed, bgs., dlvd..lb. .15¼- .16¼
saponif., double pressed. bgs., dlvd..lb. .12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works. 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms....lb. .40 Nom.
USP, fluffy, bbls., 1,000 lb. lots..lb. .88 Nom.
100-lb. lots.....lb. .90 Nom.
25-lb. lots.....lb. .93 Nom.
powd., bbls., 1,000 lbs....lb. .78 Nom.
smaller lots.....lb. .80 Nom.
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment, lb. .31¼- —
smaller quantities.....lb. .31¾- —
kgs .....lb. .32¼- —
Tobias, bbls..... .....lb. .55 - .60

Acacia—Alcohol, Isopropyl

Acid, trichloroacetic, bots.....lb. 2.00 - 2.50
Tungsten, CP, kgs., wks....lb. No prices
Chem. grade, kgs., wks....lb. No prices
Aconite, leaves, bls.....lb. .35 - .36
Root, bls.....lb. .35 - .37
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.90 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .26 - .27
hyd., dms.....lb. .25 - .26
Agar 1, bls.....lb. 1.50 Nom.
3, bls.....lb. No prices
Agaric, white, bls.....lb. No prices
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b Chicago, frt. alld..lb. .55 - .68
import, bgs.....lb. .60 Nom.
egg, ed., dom., cryst., bbls..lb. .64 - .66
dom., pwd., dms., bbls., lb. .68 - .71
import, cs.....lb. .68 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans.....lb. .68 - —
drums .....lb. 62 - —
Butyl, normal, cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
tankwagon, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd., E. of Miss. R.....lb. .06¾- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06½- —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
Import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .29½- —
l.c.l., works, dms.....gal. .34½- —
tanks, E., works.....gal. .23½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31½- —
dms., c.l., E. works....gal. .26¾- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19¼- —
Anhydrous 3c. per gal higher.
SD-2B., dms., c.l., works, E. gal. .34½- —
19 dms., works, E...gal. .26½- —
1 to 18 dms., works, E. gal. .29¼- —
tanks, E., works.....gal. .18½- —
SD2B-G, works, E., dms..gal. .30 - —
19 dms. .....gal. .32 - —
1 to 18 dms.....gal. .35 - —
tanks .....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., cl., dlvd..lb. .08½- —
l.c.l. dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.52 - —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.79½- —
19 dms.....gal. 4.83 - —
1 to 18 dms.....gal. 4.86 - —

Grain alcohol 25c. gal higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .0680- —
l.c.l., same terms.....lb. .0730- —
tanks, same terms.....lb. .0580- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest .gal. .65 - —
55 gal., c.l., same basis.gal. .32½- —
l.c.l., same basis....gal. .36½- —
tanks, frt., alld.....gal. .28½- —

*Aerosol
WETTING AGENTS

● There are two main types of Aerosol wetting agents. One is a series of esters of a sulfonated di-carboxylic acid, represented by Aerosol OT, Aerosol MA and Aerosol AY. The other of the series is an alkyl naphthalene sulfonate, Aerosol OS.

Aerosol OT is the most powerful of the sulfonated ester series and is the most powerful wetting agent available to date. It is available in pure form as Aerosol OT-100% and as such, is soluble completely in practically all organic solvents and in water at room and at elevated temperatures. Also, it is soluble in oils, fats and waxes upon heating, remaining dissolved when cool. For convenience, Aerosol OT is also available in five liquid forms and in powder form.

Aerosol MA and Aerosol AY are similar to Aerosol OT but differ from the latter product in having lower molecular weights. The Aerosol MA and Aerosol AY types have unusually high solubility characteristics and find extensive application in solutions of electrolytes such as acids, mild alkalies and salts. Aerosol MA and Aerosol AY are available only in pure form.

Aerosol OS is stable in acid, neutral and alkaline solutions. This product has greater melting power in acid, alkaline and in many inorganic salt solutions than in water. It is soluble in up to 6% sodium hydroxide.

The outstanding properties of the Aerosol wetting agents suit them for the following industries and applications:

ADHESIVES
BLUEPRINTS
COSMETICS
DETERGENTS
EMBALMING FLUIDS
FIREPROOFING
GLASS CLEANERS
LEATHER FINISHES
METAL CLEANERS
METAL POLISHES
PAPER (Absorbent, Gasket, Bronze Pigment Coated)
PHARMACEUTICALS
PHOTOGRAPHY
PIGMENT and DYE DISPERSION
PIGMENT MANUFACTURE
PLASTIC MOLDING
PRINTING INKS
RUBBER
SHOE CLEANERS and POLISHES
SOLDERING FLUX
WALL PAPER REMOVERS
WOOD DYEING
WRITING INKS

AND MANY OTHERS

Our technical department will cooperate with you in solving your problems with the Aerosol wetting agents. Write for descriptive booklet and samples.

*Trade-mark of American Cyanamid & Chemical Corporation applied to wetting agents of its own manufacture.

AMERICAN CYANAMID & CHEMICAL CORPORATION
30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Alcohol, isopropyl, 99%, dms., 5 gal., same basis..gal. .65 - —
55 gal., c.l., same basis, gal. .56 - —
l.c.l., same basis ....gal. .61 - —
tanks, same basis.....gal. .51 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 2.85
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .59 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .18 - .19
Aloe, Barbados, true, cs.....lb. No prices.
Cape, cs.....lb. .25 - .29
Curacao, cs.....lb. .50 - .55
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .50 - .56
Aloin, 140-lb. bbls.....lb. 2.95 - —
100-lb. kgs.....lb. 2.97 - —
25-lb. fib. dms.....lb. 3.04 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .38 - .48
peeled, bls.....lb. .32 - .42
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 2.15 - —
dlvd. N.Y., Phila....100 lbs. 2.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. .....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. .....lb. .09 - —
33%, basic solut., bbls., c.l., dlvd...lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd..lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Aluminum, oleate, dms., contro., lb. .16¾- —
open order .....lb. .17¼- .18½
Palmitate, precip., bbls.....lb. .24½- —
stearate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .17½- —
l.c.l., ton.....lb. .18½- —
less than ton.....lb. .22½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.85 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.80 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
98-99% c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .73 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .37 - —
standard, dms., 1,500 lbs..lb. .43 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .45 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 80,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Ammonia, anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nation-wide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l. .....lb. .02 - —
l.c.l. .....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .30 - .33
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .25 - —
bxs. .....lb. .28 - .29
kgs. .....lb. .26 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, casks. .....lb. .09 - .12½
USP, lump, dms.....lb. .06 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .13 - —
Citrate, dms.....lb. .50 - —
cns. .....lb. .55 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Linoleate, 50%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works, 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.80 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .52 - —
Perchlorate, kegs .....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- .10
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.30
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y....lb. .09 - —
5 bbls., same basis.....lb. .09½- —
Stearate, anhydrous .....lb. .22 - —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Oct. shipt..ton. 27.25 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works .....lb. .12 - .13
tanks, dlvd. .....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 96-100%, kgs..lb. .55 Nom.
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 6.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, casks. .....100 lbs. No prices
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .13½
l.c.l., dlvd.....lb. .12 - .14
tanks, dlvd.....lb. .10½- .12½
cns., works.....lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10¾- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works .....lb. .0665- —
tanks, works .....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .23 - .24
import, natural, bls.....lb. .40 - .45
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .40 - .41
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14¼- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .25 - .26
Star, bgs.....lb. .18 - .19
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .13 - —
Needle, powd., bbls., kgs....lb. .20 Nom.
Oxide, bgs., c.l., dlvd.....lb. .11 Nom.
l.c.l., ex whse.....lb. .11½ Nom.
Salts, 65%, kgs.....lb. .25¾ Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .15 Nom.
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -26.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .09 - .10
Arecoline hydrobromide, bots..oz. 6.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .75 - .80
Root, bls.....lb. .45 - .46
Arrowroot, St. Vincent, powd. bgs..lb. .08 - .08¾
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. No prices.
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .08 - —
l.c.l. .....lb. .08¾- —
Asafetida, cs. .....lb. .28 - .29
powd., bbls., bxs.....lb. .46 - .47
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 43.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .06½- —
smaller lots, f.o.b. N. Y...lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 7.00 - —
Sulphate, bots. .....oz. 4.00 - —

B

Balm of Gilead buds, bgs....lb. .45 - .50
Barberry bark, bgs.....lb. .23 - .24
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.00 - 3.10
Barium carbonate, natural, 90-95%, grd., bgs., c.l., works, ton. 41.00 -43.00
95% thru 200 mesh, bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
Chicago .....ton. 55.00 - —
l.c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
bbls., c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
l.c.l., works.....ton. 62.50 - —
Chicago .....ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works.....ton. 62.50 - —
Chlorate, kgs.....lb. .19 Nom.
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 2, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 88.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., bgs., same basis..ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .14 - .15
Fluosilicate, bbls. .....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .05 Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.45 - 4.80
Monoxide (see Oxide)
Nitrate, cks.....lb. .10½-Nom.
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .06½- .10
kgs. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 38.65 - —
l.c.l., ex whse., Boston, ton. 56.00 - —
Chicago .....ton. 51.15 - —
Cleveland .....ton. 53.50 - —
New York.....ton. 52.00 -

Alcohol, Isopro.—Black, Carb.

Barytes, dom., paper bgs., c.l., St. Louis..ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore.ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.l.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No price.
l.c.l., ex whse.....ton. No prices.
German, ungrd., bulk, c.l., ex dock..ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a...ton. 29.50 Nom.
l.c.l., ex whse. .....ton. 32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .86
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .29 - .30
Root, bls. .....lb. .33 - .34
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .40 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns. .....lb. 4.15 - 4.20
Formate, cns.....lb. 2.75 - 2.80
Benzylidineacetone, bots.....lb. 3.00 - 3.05
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .11 - .13
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls. .....lb. .16 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.30
Citrate, USP, VIII, 5-lb. bots., lb. 2.70 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.10 - —
Nitrate, cryst., 5-lb. bots...lb. 1.94 - —
cns. .....lb. 1.90 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.30 - —
fib., dms. .....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.52 - 1.75
fib. dms. .....lb. 1.42 - 1.44
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.80
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 5.91 - —
fib., dms.....lb. 5.85 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.36
fib. dms. .....lb. 1.22 - 1.24
Subsalicylate, 82-86%, bxs....lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid...lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E...lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E...lb. .13 - —
l.c.l., frt. alld. E.....lb. .13½- —
2, bbls., bgs., c.l., frt. alld., E...lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .06½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bxs., c.l., frt. alld. E...lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E...lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .05½- —
8, bbls., bgs., c.l., frt. alld. E, lb. .10 - —
l.c.l. frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .29 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., cs., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra) .....lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —

Black, Carbon—Chloraceto.

Black, carbon, standard, 50,000 lbs., dlvd., Zone C (Pac. Cst., States)..lb. .0319- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0335- —
D (Ill., Ia., Wis)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico), f.o.b. border..lb. .03 - —
f.o.b. N. Orleans.lb. .0290- —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
Black, carbon, standard, bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 — —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y...lb. .08 - —
l.c.l., f.o.b., N. Y....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y...lb. .11 - —
l.c.l., f.o.b., N. Y....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. 13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls, c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N.Y. lb. .04¼- —
B bbls. works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .22 - .23
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls..lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l...ton.60.00 - —
l.c.l. .....ton.65.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
pulp 60%%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 4.25 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 4.25 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lbs .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.00 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.90 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 2.75 - —
Victoria, kgs.....lb. 2.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluedag root, bls. .....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.47 - —
powd., cns.....lb. 1.49 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works...100 lbs. 4.60 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.95 - —
1-5 bbls., same basis..... 100 lbs. 5.20 - —
monohydrated, dms., c.l., dealer, f.o.b. works...100 lbs. 9.15 - 9.40
l.c.l. dealer.....100 lbs.10.15 -10.40
Bluestone (see Blue vitriol)
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.31.00 - —
import, bgs., c.i.f. ports.ton.33.00 - —
meal, steamed, dom., 1% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 - —
Bone meal, import, 100-lbs., bgs., c.l., ports, shipt..ton27.00 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton. No prices.
Boneset leaves, bales.....lb. .08 - .09
Borage flowers, bales.....lb. .23 - .24
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, 615 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .14½- .15
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works, lb. .62¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¼- —
2, bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¼- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis.....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¼- .09
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .15 - .17
Buchu leaves, bls.....lb. .60 - .65
Buckthorn bark, true, bls.....lb. .12 - .15
cut and sifted, bbls.....lb. .16 - .18
Berries, bgs.....lb. .28 - .29
Burdock root, bls.....lb. .12 - .15
Burgundy pitch, dom., bbls...lb. .05 - .05¼
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, contract, frt. alld..lb. .07 - —
tankwagons, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 gal. dms., dlvd..lb. .35 - —
5 gal. cns.....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Lithopone (see Yellow).
Metal, pat. shapes, cs.....lb. .70 - —
ingots, or sticks.....lb. .65 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb., 10,000 lbs., or more...lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more, lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs. .....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .23 - .24
Calamus root, peeled, N.F., cs. lb. .18 - .20
bleached, bls.....lb. .65 - .70
Calcium acetate, bgs., dlvd. 100 lbs. 1.75 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .95
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during July, August, September.....ton.27.25 - —
Palmitate, bbls.....lb. .23½- .24½
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .21½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls..200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .38 - .40
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.57 - —
Camphor, natural, powd., cs...lb. .70 - .75
slabs, cs. .....lb. .70 - .75
tablets, tins .....lb. .75 - .80
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .50 Nom.
1,000-lb. lots.....lb. .51 Nom.
smaller lots.....lb. .52 Nom.
tablets, 2,000-lb. lots....lb. .63 Nom.
1,000-lb. lots.....lb. .64 Nom.
smaller lots.....lb. .65 Nom.
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04½- .05
Morocco, bgs.....lb. .04¼- .04½
Turkish, bgs.....lb. .04½- .05
Canella alba bark, bls.....lb. .29 - .30
Canella alba bark, bls.....lb. .40 - .41
Cantharides, Chinese, cs.....lb. 1.25 - 1.30
powd., bxs. .....lb. 1.45 - 1.50
Russian, cs. .....lb. 1.45 - 1.50
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .16 - .16½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R...lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .09 - .09½
Dioxide, cyls.....lb. .06 - .09
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .06½- —
l.c.l., frt. alld.....gal. .75 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .96 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal., dms., c.l.gal. .83 - —
l.c.l. .....gal. .99 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.55 - 2.00
decorticated, cs. .....lb. .95 - 1.10
green, bgs. .....lb. .65 - .90
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .20 - —
5 tons, works.....lb. .21½- —
smaller lots, works....lb. .23 - —
80-100 mesh, bgs.....lb. .20½- —
5 tons, works.....lb. .22 - —
smaller lots, works.....lb. .23½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .17 Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .17½ Nom.
French, 30 mesh, bgs., c.l., duty paid..lb. .14 Nom.
Cassia, Batavia, 1, bgs.....lb. .19 - .19½
shortsticks, bls.....lb. .15 - .16
broken, bls.....lb. .12½- .13
China, rolls, select, bls.....lb. .11½- .12
broken, extra, bls.....lb. .11 - .11½
Saigon, bls. .....lb. .19 - .22
Cassia, buds, cs.....lb. .15 - .16
Cassia fistula, baktas.....lb. .12 - .13
Castile soap, Italian, white, bars, 40 lb. cases..case.14.00 - —
powd, bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 6½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.18.00 - —
Catnep leaves, Southern, bls...lb. .22 - .23
Celery seed, French, bgs.....lb. .27 - .28
Indian, bgs. .....lb. .23 - .25
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .52
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515 - —
100 to 900 lbs.....lb. .525 - .54
Triacetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .40 - .45
Roman, bls.....lb. .40 - .45
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla. Tex. (except El Paso)..ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.86.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02¼- —
l.c.l., bbls., wks.....lb. .02¾- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., csks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works..lb. 3.00 - 3.50

Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.lb. .22 - —
50-lb. dms.lb. .23 - —
USP, 650-lb. dms.lb. .30 - —
100-lb. dms.lb. .32 - —
50-lb. dms.lb. .33 - —
Chloropicrin, comi, 180-lb. cyls., works..lb. .30 - —
100 lb. cyls., works.lb. .35 - —
5-25 lb. cyls., works.lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½% cr., bbls.lb. .05¾- —
Cake, bulk, c.l., works.ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.lb. .45 - —
scales, dms., 100 lbs.lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.lb. 5.00 - —
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .70 - .75
20 in., thick, cs.lb. .75 - .80
20 in., medium, cs.lb. .65 - .70
USP, broken quill, red, bgs., lb. .28 - .35
yellow, bgs.lb. .28 - .30
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.100 ozs..oz. .87 - —
powd., cns.100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.100 ozs..oz. .58 - —
powd., cns.100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .54 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.lb. 3.27 - —
dms., 100 lbs.lb. 3.09 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.lb. .85 - .90
Cinnamon, Ceylon, 2 bls.lb. .14 - .14¼
3 bls.lb. .13½- .14
Citral, bots., cns.lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .87 - —
Citronellal, bots., dms.lb. .75 - .80
Citronellol, bots., dms.lb. 1.60 - 1.85
Clove, Madagascar, bls.lb. .30 - .31
Zanzibar, bls.lb. .31 - .32
Clover tops, bgs.lb. .18 - .20
Coaltar, coal-gas., crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.bbl. 8.25 - 8.50
tanks, works.gal. .07½- .09
refd., bbls., c.l., works.bbl. 8.00 - 8.25
l.c.l., works.bbl. 8.75 - 9.00
tanks, works.gal. .08¼- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.dm. 8.25 - —
refd., dms., c.l., works.dm. 8.00 - —
l.c.l., works.dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.lb. .76 - 1.20
Hydrate, bbls.lb. 1.78 - —
Linoleate, paste, 6%, dms.lb. .51 - —
solid, 8½%, bbls.lb. .53 - —
Oleate, bbls.lb. .25 Nom.
Oxide, black, kgs.lb. 1.67 - —
Resinate, fused A, bbls.lb. .13½- —
1%, bbls.lb. .13 - —
2%, bbls.lb. .14 - —
3½%, bbls.lb. .17½- —
precip., dms., dlvd.lb. .24 - —
Sulphate, dms.lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.lb. .35 - .38
Teneriffe, silver, bgs.lb. .36 - .39
Cocoa butter, bulk, c.l., bgs.lb. .14 - .14½
Cocillana bark, bgs.lb. .20 - .21
Codeine, cns., 100 ozs.oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.oz. 9.00 - —
Sulphate, cns., 100 ozs.oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.lb. .06½- .07
Blue, root, bls.lb. .06 - .07
Colchicine, bots., 4 ozs.oz.18.00 - —
single ozs.oz.19.00 - —
Colchicum seed, bgs.lb. .36 - .40
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.lb. .18 - —
Colocynth pulp, bls.lb. .50 - .55
Colombo root, bls.lb. .10 - .13
Coltsfoot leaves, bgs.lb. .11 - .12
Condurango bark, bgs.lb. .11 - .12
Conium leaves, bls.lb. .21 - .22
Copaiba balsam, Para, cns.lb. .30 - .31
S. A. USP, cns.lb. .31 - .32
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54%, bbls.lb. .16½ Nom.
Chloride, cryst., bbls.lb. .16 Nom.
Cyanide, tech., bbls.lb. .34 Nom.
Iodide, bots.lb. 4.97 - 5.02
Metal, electrolytic.lb. .12 - —
Nitrate, cryst., bbls.lb. .17 Nom.
Oleate, precip., bbls.lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. No prices
Red, com'l., 80-85%, kgs., f.o.b. N. Y..lb. No prices
Resinate, precip., bbls.lb. .15 - .16
Stearate, precip., bbls.lb. .24½- .25½
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.100 lbs. 1.55 - —
1-4, works.100 lbs. 2.00 - —
bulk, c.l., works.ton.14.00 - —
Copra, Coast, shipt.lb. .0220 Nom.
Coriander seed, Morocco, bgs..lb. .06½- .07
bleached, bgs.lb. .09 - .09½
Corn sugar, Tanner's chipped, bgs., c.l., dlvd..100 lbs. 3.24 - —
slabs, bbls., c.l.100 lbs. 3.16 - —
solid, bbls., c.l.100 lbs. 3.28 - —
Syrup, 42°, bbls., c.l.100 lbs. 3.27 - —
43°, bbls., c.l.100 lbs. 3.32 - —
Cornsilk, bls.lb. .08½- .09
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.14 - —
gran., powd., dms., 50 lbs. or more..lb. 1.99 - —
Cottonroot bark, bls.lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.lb. 2.85 - 3.10
1-lb. cns.lb. 3.00 - 3.25
1-oz. cns.lb. 3.35 - 3.60
less than 5 lbs., cns.lb. 4.15 - 4.65
Cramp, bark, genuine, bls.lb. .20 - .21
so-called, bls.lb. .06 - .07
Cranesbill root, bls.lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .25¼- —
smaller lots, bbls.lb. .25¾- —
kgs.lb. .26¼- —
Creosote, beechwood, bots.lb. .70 - .75
Hardwood, USP, bots.lb. .45 - .47
Pine, dms.gal. .28 - —
Carbonate, bots., cbys.lb. 1.40 - 1.75
Oil, crude, tanks, works.gal. .13½- .14¼
Coaltar, solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.gal. .16 - .18¼

Cresol, USP, dms., c.l., works.lb. .09¼- —
l.c.l., same basis.lb. .10 - —
special resin grade, dms., c.l., works..lb. .08¼- —
l.c.l., same basis.lb. .08¾- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.lb. .38 - .39
powd., cs.lb. .42 - .43
Culver's root, bls.lb. .13 - .14
Cumin seed, Algerian, bgs.lb. .21 Nom.
Morocco, bgs.lb. .21 Nom.
Cutch, Borneo, extract, solid, bags..lb. No prices
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2, unit ton. 1.27½- —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.lb. .09¾- —
75%, gran., dms.lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

D

Damiana leaves, bls.lb. .20 - .21
Dandelion root, German, bls.lb. .22 - .24
Deertongue leaves, bls.lb. .10 - .11
Degras, common, dom., bbls.lb. .09½- .10
English, bbls.lb. .10 Nom.
neutral, dom., bbls.lb. .12 - .15
English, bbls.lb. .12 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk cns.lb. 2.25 - 3.25
Devil's club, root bark.lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.85 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago..100 lbs 3.80 - —
Potato, import, bgs.lb. .07¾ Nom.
Diacetone (see under Alcohol).

Chloroform—Dichlorethyl Eth.

Diacetyl, bots.lb.11.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.lb. .092 - —
tanks, works.lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .21 - —
l.c.l., dlvd.lb. .21½- —
tanks, dlvd.lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.lb. .48 - .50
tanks, works.lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.lb. .102 - —
tanks, works.lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.ton.45.00 -150.00
import, bgs., c.l., c.i.f.ton.23.00 Nom.
Dibutylamine, dms., c.l., works, lb .50 - —
l.c.l.lb. .51 - .53
tanks, works.lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.lb. .19½- —
tanks, dlvd.lb. .18 - —
cns., works.lb. .23¼- .23¾
Sebacate, dms., wks.lb. .45 - —
Tartrate, dom., dms.lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.lb. .16 - —
tanks, works.lb. .14 - —

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Dichloropentane—Green

Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. lb. .04 - —
tanks lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —
Diethyl carbonate, coml., dms. lb. .25 - —
refd., 99%, dms. lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. lb. .19½ - —
tanks lb. .18 - —
Sulphate, dms., c.l., works lb. .13 - —
l.c.l., works lb. .14 - —
tanks lb. .12 - —
Diethylanilin, dms. lb. .49 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works lb. .17 - —
Monobutylether, dms., works lb. .28 - .34
Monoethylether, d m s., c.l., works lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Digitalis leaves, dms. lb. .40 - .45
Digiycol laurate, c.l. lb. .16 - —
Oleate, light, bbls., c.l. lb. .13 - —
Stearate, bbls., c.l. lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs. lb. .12 - .14
Dimethyl phthalate, dms., c.l., divd. lb. .18½ - —
l.c.l., divd. lb. .19 - —
tanks, divd. lb. .17½ - —
Dimethylanilin, dms., c.l. lb. .28 - —
l.c.l., dms. lb. .24 - —
Dimethylamine, dms., c.l., divd., lb. 1.00 - —
l.c.l. divd. lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms. lb. .14 - —
Dinitronaphthalene, kgs. lb. .35 - .38
Dinitrocresol, bbls. lb. .22 - —
Dinitrotoluene, dms. lb. .15½ - —
oily, dms. lb. .09 - —
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, divd. lb. .44 - —
600-1,950 lbs., divd. lb. .46 - —
150-450 lbs., divd. lb. .47 - —
Dioxan, dms., c.l., frt. alld. lb. .20 - —
l.c.l., same basis lb. .21 - —
tanks, same basis lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works lb. .15 - —
l.c.l., works lb. .16 - .20
Oxide, perfume grade, cns. lb. .50 - .55
Diphenylamine, bbls. lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, divd. lb. .35 - —
600-1,950 lbs., divd. lb. .36 - —
150-450 lbs., divd. lb. .37 - —
Diphenylmethane, bots. lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls. lb. .05¾- .06¾
Doggrass root, cut, bls. lb. .15 - .18
Dogwood bark, Jamaica, bls., lb. .08 - .09
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, mass, cs. lb. .65 - .70
reeds, thin, cs. lb. .90 - .95
Dyes, coaltar, for coloring foods (certified
Blue:—
Brilliant blue FCF, cans, lb.13.50 - —
1180 Sodium indigo disulphonate, cns. lb.13.50 - —
Green:—
Fastgreen FCF, cns. lb.27.00 - —
668 Guinea green B., cns, lb.13.50 - —
670 Light green SF, yellowish, cns. lb.17.50 - —
Orange:—
150 Orange I, cns. lb. 2.20 - —
Red:—
184 Amaranth, cns. lb. 3.15 - —
778 Erythrosin, cns. lb.17.50 - —
80 Ponceau 2R, cns. lb. 6.00 - —
Ponceau 3R, cns. lb. 2.75 - —
61 Yellow OB, cns. lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
86 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
58 Victoria violet. lb. .80 - 1.00
105 Lake red C. lb. .85 - 1.00
170 Fast red A. lb. .60 - .75
176 Fast red VR. lb. 1.50 - 1.65
189 Lake red R, paste. lb. .85 - .90
189 Lake red R, powd. lb. 2.00 - 2.10
202 Chrome blue black U. lb. .32 - .40
204 Chrome black A. lb. 1.75 - 2.00
206 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
289 Fast cyanin 5R. lb. .90 - 1.00
290 Chrome black F. lb. .60 - .65
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
804 Paper yellow. lb. .85 - .90
365 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. 1.25 - 1.30
362 Direct scarlet B. lb. 1.50 - 1.75
387 Direct violet B. lb. 1.00 - 1.20
401 Developed black BHN. lb. .50 - .75
406 Direct blue 2B. lb. .25 - .30
415 Direct orange R. lb. .60 - .70
419 Direct fast red F. lb. .75 - .85
420 Direct brown M. lb. 1.00 - 1.10
440 Benzo purpurin 4B. lb. .40 - .42½
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azurin G. lb. .75 - .80
512 Direct blue RD. lb. .80 - 1.00
518 Direct pure blue 6B. lb. 1.10 - 1.25
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast, black, FF. lb. .55 - 1.00
561 Direct black EW. lb. .25 - .50
582 Direct black RX. lb. .35 - .45
593 Direct green B. lb. .75 - .80
594 Direct green G. lb. 1.00 - 1.05
596 Direct brown 3GO. lb. .35 - 1.00
620 Direct yellow R. lb. 1.25 - 1.50
696 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow. lb. 2.00 - 2.25
840 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. c. paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .40 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur tan. lb. .30 - .50
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .90
Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives. lb. .42 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
Blue:—
1075 Alizarin astrol base. 15.00 - —
1078 Alizarin cyanin green base. lb. 6.00 - —
Browns:—
Brown lb. 1.15 - —
Green.—
1078 Alizarin cyanin green. lb. 5.00 - —
Green lb. .75 - —
Orange:—
24 Sudan I. lb. .75 - —
Orange, red shade. lb. .75 - —
Red:—
75 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base. lb. 6.00 - —
680 Oil violet. lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow. lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB. lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin lb. .40 - —
Blue:—
860 Indulin lb. .70 - —
Brown:—
231 Bismarck brown. lb. 1.50 - —
Green:—
657 Malachite green base. lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
97 Amidoazotoluene yellow. lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray lb. 1.50 - —
Blue:—
714 Patent blue A. lb. 1.45 - —
729 Victoria blue B. lb. 2.00 - —
861 Indulin lb. .87 - —
909 New blue R. lb. 1.30 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .85 - —
Brown:—
234 Resorcin brown Y. lb. .95 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G. lb. .52 - —
832 Bismarck brown R. lb. .37 - —
706 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.90 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .53 - —
924 Methylene green B. lb. 1.55 - —
1076 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G. lb. .40 - —
21 Chrysoidin R. lb. .37 - —
27 Orange G. lb. .50 - —
151 Orange I. lb. .30 - —
161 Orange R. lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .46 - —
79 Ponceau R. lb. .45 - —
88 Fast red B. lb. 1.05 - —
176 Fast red A. lb. .54 - —
179 Azorubin lb. .60 - .62
183 Crocein scarlet 3BX. lb. .72 - .78
185 Cochineal red A. lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M. lb. .68 - —
677 Fuchsin lb. 2.10 - —
749 Rhodamine B. lb. 2.50 - —
752 Rhodamine 6G. lb. 4.50 - —
768 Rosin G. lb. 1.50 - —
841 Safranin lb. 1.45 - —
Water-solubis:—
Violet:—
680 Methyl violet B. lb. .75 - —
681 Crystal violet C. lb. 1.75 - —
695 Acid violet 4BN. lb. .68 - —
Yellow:—
10 Naphthol yellow S. lb. .63 - —
138 Metanil yellow. lb. .55 - —
436 Fast light yellow. lb. 1.25 - —
610 Xylene light yellow. lb. 1.15 - —
640 Tartrazin lb. .80 - —
655 Auramine lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls. lb. .62 - .64
imported lb. .59 - .62
Elder flowers, bright, bls. lb. .34 - .35
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .10½- .11
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .19 - .21
Emetine hydrochloride, bots. oz. 19.00 -19.50
Ephedra, bls. lb. .10 - .10½
Ephedrine, tins, 1,000 ozs. oz. 1.50 - —
tins, 100 ozs. oz. 1.60 - —
Hydrochloride, tins, 1,000 oz., lots. oz. 1.25 - —
tins, 100 oz., lots. oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots. oz. 1.25 - —
tins, 100-oz. lots. oz. 1.35 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs 1 withdrawal. 100 lbs. 2.25 - —
smaller lots. 100 lbs. 2.50 - —
bbls., c.l. 100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal. 100 lbs. 2.35 - —
smaller lots. 100 lbs. 2.60 - —
kgs., c.l. 100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal. 100 lbs. 2.60 - —
smaller lots. 100 lbs. 2.85 - —
dried, dom., bgs., l.c.l. lb. .08 - .09
Ergot, USP, cns., dms. lb. 2.50 - 2.75
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 36.00 - —
Sulphate, bots. oz. 36.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., divd. lb. .24½- —
l.c.l., divd. lb. .25 - —
cns. lb. .28 - .31
Ether, ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. lb. .14 - —
synth., dms., c.l., works. lb. .08 - —
l.c.l., works. lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms. lb. .39 - .40
washed, dms. lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld. lb. .061 - —
l.c.l., frt. alld. lb. .060 - —
tanks, frt. alld. lb. .051 - —
95-98%, dms., c.l., frt. alld. lb. .0685- —
l.c.l., frt. alld. lb. .0735- —
tanks, frt. alld. lb. .0585- —
N. F., VI, 99%, dms., 400 lbs. lb. .08 - —
cns., 35 lbs. lb. .12 - .13
USP, VIII, 95%, dms., 460 lbs. lb. .07 - —
cns., 35 lbs. lb. .12 - —
Acetoacetate, dms., c.l., works., lb. .27½- —
l.c.l., dms., works. lb. .28 - —
Bromide, tech., dms. lb. .50 - .55
Caproate, cns. lb. 1.00 - —
Chloride, dms. lb. .18 - .20
Cinnamate, cns. lb. 3.20 - 4.00
crotonate, 53 gal. dms., divd., lb. .35 - —
Formate, cns., dms. lb. .23 - .24
5 and 10 gal. dms., divd. lb. .75 - —
1 gal. cns. lb. 1.00 - —
Iodide, bots. lb. 5.01 - —
Lactate, 55-gal. dms., works. lb. .33½- —
5-gal. dms., works. lb. .37½- —
Oxalate, dms., frt. alld. lb. .25 - —
Silicate, l.c.l., dms., works. lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 - —
5-lb. lots lb. 6.05 - —
1-lb. lots, cns. lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld. lb. .45 - —
contracts, 500 lbs. or more, f.o.b. alld. lb. .47 - —
500 lbs. or more frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works. lb. .55 - —
Ethylene bromide, dms. lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld. lb. .0545- .0550
West of Rockies, same basis. lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld. lb. .0644- .0654
West of Rockies, same basis. lb. .0694- .07
Ethyleneglycol, dms., c.l. lb. .16 - —
l.c.l. lb. .17 - .20
tanks lb. .15 - —
Monobutylether, dms., c.l., works. lb. .18 - —
l.c.l., works. lb. .19 - .22
tanks, works. lb. .17 - —
Monoethylether, dms., c.l., works, lb. .15 - —
l.c.l., works. lb. .16 - —
tanks, works. lb. .14 - —
Monoethylether, acetate, dms., c.l., works. lb. .18 - —
l.c.l., dms. lb. .14 - —
tanks, works. lb. .12 - —
Monomethylether, dms., c.l., works. lb. .17 - —
l.c.l., works. lb. .18 - —
tanks works. lb. .16 - —
Ethylidinanilin, dms. lb. .45 - .47½
Eucalyptol, cns., dms. lb. .65 Nom.
Eucalyptus leaves, bls. lb. .08 - .09
Eugenol, cns., dms. lb. 1.80 - 1.85
Euphorbia, bls. lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, works. ton. 14.00 -17.50
glass, 20 mesh, bulk, works. ton. 9.75 -13.25
pottery, bulk, Me., works. ton. 17.00 -19.00
N.C. works ton. 17.00 -19.00
Fennel seed, French, type, bgs., lb. .10 - .12
Indian, bgs. lb. .10 - .12
German, large, bgs. lb. .32 - .33
Fenugreek seed, bgs. lb. .08 - .10
Ferric Sulphate, anhyd., c.l., works. ton. 35.00 - —
l.c.l. ton. 40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works. lb. .09½- —
smaller lots, works. lb. .10½- —
light, cs., 1,000 lbs. or over, works. lb. .10½- —
smaller lots, works. lb. .11½- —
water white, cs., 1,000 lbs., or over, works. lb. .11¼- —
smaller lots, works. lb. .12¼- —
Fir balsam, Canada, cns. gal. 10.75 -11.00
Oregon, bbls. gal. .85 - .90
Fish berries, bgs. lb. .16 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures. unit-ton. 3.25 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto. ton. 54.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts. unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Oct.-Nov., Shipt. ton. 53.50 - —
spot. ton. 54.00 - —
Flake, white, bbls., kgs. lb. .10¼- —
Fleaseed, French, black, bgs. lb. .18 - .20
Indian, blonde, bgs. lb. .09 - .12
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, net ton. 30.00 -31.60
washed gravel, 85-5, f.o.b. Ill.-Ky. mines. net ton. 19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines. net ton. No prices
imported, 85.5, duty paid, short ton. 25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works lb. .06¼- —
dms., c.l., works lb. .05¼- —
l.c.l., works lb. .05¾- —
tanks works lb. .04¼- —
Fringetree bark, bls. lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines. ton. 10.00 - —
import, bgs., c.l., ex dock. ton. 25.00 Nom.
l.c.l., ex whse. ton. 32.00 Nom.
Furfural, refd., dms., c.l., works, lb. .13 - —
l.c.l., works. lb. .17½- .25
tech., dms., contracts, 150,000 lbs. lb. .10 - —
c.l., works. lb. .12½- —
l.c.l., works. lb. .15 - .20
tanks, works. lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .15 - .16½
Fustic extract, cryst., bbls. lb. .22 - .26
liquid, bbls. lb. .09½- .13
solid, dms. lb. .17½- .19½

G

G salt, bbls. lb. .45 - —
Galangal root, bls. lb. .12 - .14
Gambier, common, cases. lb. No prices
plantation, cases. lb. No prices
Cubes, Singapore, cases. lb. No prices
extract, bbls. lb. .09 - .12
Gasoline, at refinery:—
Bayonne, US motor below 65 octane, tanks. gal. .06½-.07 6/10
65 octane and above, tanks, gal. .0665- .0760
California, 54-58, tanks. gal. .06½- .08
Gulf Coast, U.S. Motor, bulk, gal. .06 - —
60-62, 390 e.p., bulk, export, gal. .05¾- —
70-72, 400 e.p., bulk, export, gal. .06¾- —
64-66, 375 e.p., bulk, export, gal. .06¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks. gal. .04 .04¼
63-66 octane, tanks. gal. .04¼- .04½
67-69 octane, tanks. gal. .04½- .04¾
70-72 octane, tanks. gal. .04¾- .05¼
Oklahoma-Texas, US motor, 62 octane and below, tanks. gal. .04¾- .05
third grade, tanks. gal. .04¾- .05
63-66 octane, tanks. gal. .05¼- .05½
67-69 octane, tanks. gal. .05¼- .05½
70-72 octane, tanks. gal. .05½- .05¾
natural, 12-lb. v.p., tanks. gal. .04¾- —
below 60 octane tanks. gal. .04 - —
14-lb. v.p., tanks. gal. .04¼- —
18-lb. v.p., tanks. gal. .03¾- —
22-lb. v.p., tanks. gal. .03¾- —
26-70 lb. v.p., tanks. gal. .04¼- —
below 60 octane, tanks. gal. .05 - —
65 octane, tanks. gal. .07 - —
52-56 450 e.p. naphtha, tanks. gal. .05½- —
Gelatin, silver, cs. lb. .42 - .43
Geisemium root, bls. lb. .11 - .12
Gentian root, bls. lb. .14 - .15
grd., bbls., bxs. lb. .17 - .18
powd., bbls., bxs. lb. .19 - .20
Geraniol, cns., dms. lb. .67 - 3.00
Geranyl acetate, bots., dms. lb. 1.20 - 2.50
Ginger root, African, bgs. lb. .09½- .10
Cochin, lemon, bgs. lb. .09½- .10
Jamaica, bold, bgs. lb. .13 - .13½
grinding, bright, bgs. lb. .10½- .11
medium, bgs. lb. .10½- .11
Japanese, bgs. lb. .09 - .09½
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works. 100 lbs. .95 - 1.18
5 tons or over, works. 100 lbs. 1.05 - 1.25
less than 5 tons, works. 100 lbs. 1.15 - 1.35
import, bgs. 100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd. lb. .12½- —
l.c.l., divd. lb. .13 - —
36/58, bgs., c.l., divd. lb. .12 - —
l.c.l., divd. lb. .12½- —
58/82, bgs., c.l., divd. lb. .13½- —
l.c.l., divd. lb. .14 - —
82/108, bgs., c.l., divd. lb. .14 - —
l.c.l., divd. lb. .14½- —
hide, calcimine type, 58 millipose 135 jelly grams, bgs., c.l., divd., East. Middlewest. lb. .15 - —
l.c.l., same basis. lb. .16½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis. lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis. lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis. lb. .19½- —
88/351, bgs., c.l., same basis. lb. .19½- —
l.c.l., same basis. lb. .20½- —
92/388, bgs., c.l., same basis. lb. .20½- —
l.c.l., same basis. lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis. lb. .22 - —
113/347, bgs., c.l., same basis. lb. .22 - —
l.c.l., same basis. lb. .23 - —
135/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis. lb. .24 - —
Glue prices for barrel packing, ¼c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l. lb. .14½- .15
dms., c.l., divd. lb. .13½- —
l.c.l., divd. lb. .13 - —
tanks, divd. lb. .12½- —
dynamite, dms. lb. Nominal
high gravity, dms., c.l., divd. lb. .12 - —
l.c.l., divd. lb. .12½- —
tanks, divd. lb. .11½- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., divd. lb. .09 - —
l.c.l., same basis. lb. .09½- .10
tanks lb. .08¾- —
for refiners, dms., returnable, tanks, divd. lb. .08¾ Nom.
soaplye, basis 80%, dms., tanks, returnable, divd. lb. .07¾ Nom.
Glycol boriborate, dms. lb. .22 - —
Phthalate, dms. lb. .38 - —
Stearate, dms. lb. .24 - —
Gold, U.S. purchase price. oz. 35.00 - —
Chloride, acid brown, bots. oz. 20.75 -21.00
yellow, bots. oz. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
USP IX, bots. oz. 14.50 -14.75
Gold of pleasure seed, bgs. lb. .12 - .13
Goldenseal, root, bls. lb. 3.60 - 3.65
powd., bxs. lb. 3.90 - 3.95
Grains of paradise, bgs. lb. .75 - .80
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works. lb. .06 - —
bbls., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l. works. lb. .02½- —
65% graphitic, carbon, bbls., c.l., works. lb. .02¾- —
l.c.l., works. lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works. lb. .03½- —
bbls., c.l., works. lb. .03¾- —
l.c.l., works. lb. .04½- —
Grease, house, loose. lb. .06 - .06½
White lb. .06¾- .07¼
Yellow lb. .06 - .06½
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .21 - —
6-10%, bbls. same basis. lb. .22 - —
11-15%, bbls., same basis. lb. .23 - —
16-20%, bbls., same basis. lb. .23½- —
21-25%, bbls., same basis. lb. .24 - —
26-30%, bbls., same basis. lb. .24½- —
31-35%, bbls., same basis. lb. .25½- —

Green, chrome, c.p. dark, light, medium, blue content, 36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½ - —
46-50%, bbls., same basis..lb. .30 - —
reduced, C.P., color content up 5%, same basis..lb. .06 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis..lb. .06¼- —
11-13%, bbls., same basis..lb. .07¼- —
14-16%, bbls., same basis..lb. .07¼- —
17-19%, bbls., same basis..lb. .07¾- —
20-21%, bbls., same basis..lb. .08 - —
22-23%, bbls. same basis. lb. .08¼- —
24-25%, bbls., same basis..lb. .08½- —
26-27%, bbls., same basis..lb. .08¾- —
28-29%, bbls., same basis..lb. .09¼- —
30-31%, bbls., same basis..lb. .10 - —
32-33%, bbls., same basis..lb. .11¼- —
34-35%, bbls., same basis..lb. .12¼- —
36-40%, bbls., same basis..lb. .14¼- —
41-45%, bbls., same basis..lb. .16¼ —
46-50%, bbls., same basis..lb. .16¾- —
51-55%, bbls., same basis..lb. .17¼- —
56-60%, bbls., same basis..lb. .17¾- —
61-65%, bbls., same basis..lb. .18¼- —
66-70%, bbls., same basis..lb. .19¼- —
71-75%, bbls., same basis..lb. .20¼- —
Oxide, doms., pure, bbls...lb. .23 - —
ceramic, light shades, bbls., c.l., works..lb. .23 - —
l.c.l., works .....lb. .20 - —
standard grade, bbls., works..lb. .21 - .23
Chrome, tetrahydroxide, bbls.lb. .35 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.95 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.10 - 1.15
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .19 Nom.
white, sorts, 1, bgs.....lb. .28 - .35
2, bgs.....lb. .27 - .34
powd., bbls.....lb. .22 Nom.
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .33 - .34
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .39 -Nom.
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Congo, cloudy, white, bgs., c.l., same basis..lb. .30¼ Nom.
3, selected pale straw bold, bgs., c.l., same basis..lb. .19¾ Nom.
4, pale bold straw, bgs., c.l., same basis..lb. .20¾ Nom.
5, pale, straw bold, bgs., c.l., same basis..lb. .16¾ Nom.
6, pale amber bold, bgs., c.l., same basis..lb. .17 Nom.
7, pale, straw, bold, bgs., c.l., same basis..lb. .13½ Nom.
8, light amber bold, bgs., c.l., same basis..lb. .13¼ Nom.
9, medium light amber, bold, bgs., c.l., same basis..lb. .10 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¾ Nom.
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¾ Nom.
12, selected bold sorts, bgs., c.l., same basis..lb. .07¾ Nom.
13, dark sorts bold, bgs., c.l., same basis..lb. .07¼ Nom.
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .18 Nom.
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .08¾ Nom.
16, inferior ivory sorts., bgs., c.l., same basis..lb. .06¾ Nom.
17, pale, fingers, bgs., c.l., same basis..lb. .16¾ Nom.
18, pale straw nubs, bgs., c.l., same basis..lb. .13¾ Nom.
19, pale straw nubs, bgs., c.l., same basis..lb. .13 Nom.
20, hard dark amber nubs, bgs., c.l., same basis..lb. .09¾ Nom.
21, ordinary selected nubs, c.l., same basis..lb. .08¼ Nom.
22, small mixed nubs, bgs., c.l., same basis..lb. .07½ Nom.
23, dark mixed nubs, bgs., c.l., same basis..lb. 07¾ Nom.
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. 14¾ Nom.
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07¾ Nom.
26, pale, bold chips, bgs., c.l., same basis..lb. 07¾ Nom.
27, pale small nubs, bgs., c.l., same basis..lb. .07 Nom.
28, pale dust, bgs., c.l., same basis..lb. .05½ Nom.
Batu, bold, scraped, bgs., c.l., same basis..lb. .08¾ Nom.
unscraped, bgs., c.l., same basis..lb. .07¾ Nom.
chips, bgs., c.l., same basis..lb. .07¾ Nom.
dust, bgs., c.l., same basis..lb. .07½ Nom.
nubs and chips, bgs., c.l., same basis..lb. .07¾ Nom.
black, bold, scraped, bgs., c.l., same basis..lb. .10½ Nom.
unscraped, bgs., c.l., same basis..lb. .07¾ Nom.
nubs and chips, bgs., c.l., same basis..lb. .07¾ Nom.
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .14½ Nom.
chips, bgs., c.l., same basis..lb. .08½ Nom.
dust., bgs., c.l., same basis..lb. .07½ Nom.
nubs, bgs., c.l., same basis..lb. .11¾ Nom.
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .18¼ Nom.
chips, bgs., c.l., same basis, lb. .10½ Nom.
dust, bgs.,c.l.,same basis.lb. .07½ Nom.
nubs, bgs., c.l., same basis, lb. .14¾ Nom.

Gum, copal, Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13¾ Nom.
light, bskts., c.l., same basis..lb. .15½ Nom.
Loba A, bskts., c.l., same basis..lb. .13¾ Nom.
B, bskts..c.l.,same basis.lb. .13 Nom.
C, bskts., c.l., same basis, lb. .12½ Nom.
CNE, bskts., c.l., same basis..lb. .09½ Nom.
D, bskts., c.l., same basis, lb. .11¾ Nom.
DK, bskts., c.l., same basis, lb. .08¾ Nom.
dust, bskts.,c.l.,same basis, lb. .07¾ Nom.
Sambas and white split chips, bskts., c.l., same basis..lb. .17½ Nom.
Singapore, dust., bskts., c.l., same basis..lb. .07¾ Nom.
spirit-soluble, CBB, bskts., basis..lb. .11¾ Nom.
DBB, bskts., c.l., same basis..lb. .11 Nom.
MA., bskts., c.l., same basis, lb. .09½ Nom.
MB, bskts., c.l., same basis, lb. .08¾- —
WS, bskts., c.l., same basis, lb. .11 Nom.
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .09½ Nom.
chips, pale, bskts., c.l., same basis..lb. .11¼- —
pale, small, bskts., c.l., same basis..lb. .10¼ Nom.
extra pale sorts, bskts., c.l., same basis..lb. .11⅝ Nom.
nubs, bskts., c.l., same basis..lb. .13¼ Nom.
pale, scraped, bskts., c.l., same basis..lb. .14 Nom.
seeds and dust, bskts., c.l., same basis..lb. .08¾ Nom.
Pontianak, bold., genuine, bgs., same basis..lb. .18½ Nom.
mixed, bgs.. c.l., same basis..lb. .16⅝ Nom.
split, bgs., c.l., same basis, lb. .16⅛ Nom.
chips, bgs., c.l., same basis, lb. .11½ Nom.
nubs, bgs., c.l., same basis, lb. .14⅜ Nom.
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .22⅜ Nom.
A/D, cs., c.l., same basis..lb. .14⅜ Nom.
A/E, cs., c.l., same basis..lb. .13¼ Nom.
B, cs., c.l., same basis..lb. .21⅛ Nom.
C, cs., c.l., same basis.....lb. .15⅝ Nom.
D, cs., c.l., same basis...lb. .14¼ Nom.
dust., cs., c.l., same basis..lb. .07 Nom.
E, cs., c.l., same basis...lb. .09½ Nom.
F, cs., c.l., same basis...lb. .08¾ Nom.
Singapore 1, cs., c.l., same basis..lb. .19½ Nom.
2, cs., c.l., same basis.....lb. .16⅜ Nom.
3, cs., c.l., same basis.....lb. .09¼ Nom.
chips, cs., c.l., same basis,lb. .12½ Nom.
dust., cs., c.l., same basis, lb. .09¼ Nom.
seeds, cs., c.l., same basis, lb. .10½ Nom.
Elemi, cns., c.l., same basis as copal..lb. .10⅛ Nom.
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs.. or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .50 - .55
Galbanum, cs.....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 Nom.
BX, cs., c.l., same basis..lb. .38 Nom.
B1, cs., c.l., same basis..lb. .28 Nom.
B2, cs., c.l., same basis..lb. .24 Nom.
B3, cs., c.l., same basis..lb. .18½ Nom.
80% chips, cs., c.l., same basis..lb. .12½ Nom.
pale, XXX, cs., same basis..lb. .61 Nom.
1, cs., c.l., same basis...lb. .41 Nom.
2, cs., c.l., same basis...lb. .24 Nom.
3, cs., c.l., same basis...lb. .17½ Nom.
Kino, tins .....lb. 3.50 Nom.
Locust bean, powd., bbls....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .70 Nom.
Myrrh, USP, cs.....lb. .55 - .56
Olibanum, cs. .....lb. .07½- .21
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .30 Nom.
sorts, bgs.....lb. .13 Nom.
Talha, bgs.....lb. .14 Nom.
Thus, bbls. .....280 lbs.14.50 -14.75
Tragacanth, Alleppo, 1 cs....lb. 2.50 Nom.
2, cs.....lb. 2.40 Nom.
3, cs.....lb. 2.25 Nom.
flake, bgs.....lb. No prices
Yacca, bgs.....lb. .08 Nom.
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equaid.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .35 - .36
Heliotropin, cryst., cns.....lb. 2.75 Nom.
Hellebore root, white, powd., bbls. lb. .15 - .17
Helonias root, bls.....lb. .50 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05½- .06
Henbane leaves, bls.....lb. .35 - .40
Henna leaves, bls.....lb. 12½- .13
powd., bbls., bxs.....lb. .17 - .18
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08¼- —
normal, 86-100°, dms., c.l., Group 3..gal. .11¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10¼- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .63 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib., ctns., same basis....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs. .....oz.13.00 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - —
Hops, N. F., bls.....lb. .22 - .24
Horehound, bls.....lb. .10 - .11
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs..oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.18.25 - —
cns., 16 oz.....oz.18.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.14.00 -15.00
Hyoscyamine, vials.....gr. .60 - —
Hydrobromide, vials.....gr. .60 - —
Sulphate, vials.....gr. .60 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .20 - .25
Ichthyol, bots.....lb. 4.00 Nom.
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.40 - 1.45
Irish moss, ordinary, bls.....lb. .16 - .17
powd., 80-90 mesh, bbls..lb. .23 - .28
prime, bleached, bls.....lb. .27 - .28
Iron acetate, N. F. IV, cbys, 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
Acetate, liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .84
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.. .....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .43 - —
kgs. .....lb. .44 - —
jars .....lb. .43 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).

Green, Chrome—Lead, Red

Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .090 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .21 - .24
powd., bbls., bxs.....lb. .25 - .26
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.75 - —
Juniper berries, bgs.....lb. .09 - .12

K

Kamala, tins.....lb. .32 - .35
Kaolin (see China clay).
Kava kava root, bls.....lb. .13 - .15
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04½- .05½
Gulf ports, p.w., bulk....gal. .03⅝- .09⅝
w.w., bulk..gal. .06⅛- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04 - .04½
Pennsylvania, 45 w.w., tanks gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .09 - —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .10

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.75 Nom.
Middlewestern, trcs....100 lbs. 8.30 - 8.40
Neutral, trcs.....100 lbs. 9.50 -10.00
Western, choice, trcs..100 lbs. 8.40 - 8.50
Compound, trcs. .....100 lbs.10.00 -10.25
Larkspur seed, bgs.....lb. .45 - .46
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .09 - .09½
Lavender flowers, ordinary, bls.lb. .30 - .31
medium, bls. .....lb. .40 - .41
select, bls. .....lb. .45 - .46
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .10½- .11½
Lead arsenate prices are works or whse basis. frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
l.c.l., dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls. .....lb. .11 - .14
Oleate, bbls. .....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0835- —
other points .....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08½- —
smaller lots, etc.....lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0860- —
other points.....lb. .0835- —

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Lead, Red—Milk Powder

Lead, red, dry, 97%, Pb_3O_4, l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½ - —
Colo., etc.....lb. .09¾ - —
other points.....lb. .09¾ - —
smaller lots, dlvd., Ala., etc..lb. .09½ - —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾ - —
other points.....lb. .09¼ - —
95%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0885- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09¼ - —
Ariz., etc.....lb. .09¾ - —
Colo., etc.....lb. .09½ - —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾ - —
Ariz., etc.....lb. .10¼ - —
Colo., etc.....lb. .10 - —
other points.....lb. .09½ - —
in oil, 95% min., 100-lb. kgs., lb. .12½ - —
Resinate, fused, 15%, bbls...lb. .09½ - —
pale, bbls.....lb. .11½ - —
precip., bbls.....lb. .16½ - —
Stearate, bbls.....lb. .26 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10½ - —
Pac. Cst., ex whse....lb. .10¾ - —
smaller lots, E. frt. alld. lb. .10½ - —
Pac. Cst., ex whse....lb. .10¾ - —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼ - —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07½ - —
other points.....lb. .07¼ - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½ - —
other points.....lb. .06¾ - —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾ - —
other points.....lb. .06½ - —
in oil, 100-lb. kgs., consumers...lb. .12¾ - —
dealers .....lb. .10¾ - —
painters .....lb. .11¾ - —

Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.

Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½ - .65
grades 2 or 3, dms., c.l., same basis..lb. .47½ - —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½ - .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½ - .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½ - .55
grades 2 or 3, dms., c.l., same basis..lb. .37½ - —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —
l.c.l., same basis.....lb. .42½ - .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .15 - .16
Licorice extract, mass, cs....lb. .19 - .20
powd., bbls.....lb. .26 - .27
root, cuttings, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .10 - .11
select, bndls., cs.....lb. .20 - .22
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags., f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
Lime-sulphur, dry, dealers, 400 lbs. or more, bgs., same basis. lb. .07¾- .08¾
dms, same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penn. eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns.....lb. 2.50 - 2.75
Linden flowers, with leaves, bls.lb. .35 - .45
without leaves, bls.....lb. .30 - .40
Linseed, cake, bgs., export....ton.32.50 -33.00
Meal, 34%, bgs.....ton.42.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0710- —
dlvd., other points....lb. .0685- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07½- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Colo., Mont., N. Mex., Wyo..lb. .07½- —
other points.....lb. .07¼- —
smaller lots, dlvd., Ala., etc. lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots .....lb. .05¾- —
ordinary, bgs., c.l., (20 tons) lb. .03¾- —
smaller lots .....lb. .04 - —
bbls., c.l., (20 tons).....lb. .04 - —
smaller lots .....lb. .04¼- —
titanated, bgs., c.l. (20 tons) lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons)....lb. .05½- —
smaller lots .....lb. .05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .25 - .26
Lobella, herb, bls.....lb. .12 - .13
Seed, bgs. .....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .56
import, bls. .....lb. .45 - .80
Lupulin, N. E., tins.....lb. 1.35 - 1.40
Lycopodium, cs.....lb. 2.50 - 2.60

M

Mace, Banda, cs.....lb. .60 - .65
Batavia, cs.....lb. .34 - .35
Siauw, cs.....lb. .48 - .49
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
bgs., c.l.....lb. .05¾- —
l.c.l. .....lb. .09½- —
USP, zone 1, bbls., c.l.....lb. .05¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .10 - .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bgs., duty paid...ton.60.00 -70.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Magnesium, trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .65 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .50
blue, bls. .....lb. .40 - .45
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .03¼- .06½
Dioxide, African, battery, 84-87%, bgs. 28-40 tons, works..ton.54.50 - —
5-15 tons, works.....ton.57.50 - —
¼-4 tons, works.....ton.62.50 - —
200-600 lbs., works..ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton.49.25 - —
l.c.l., 5 tons, works, ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.30 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4% dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .29 Nom.
Resinate, fused, 3½%, bbls..lb. .03¼- .03½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works..lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton. No prices
Manna flake, large, cs.....lb. .60 - .65
small, cs.....lb. .40 - .45
Mannitol, reagent, pure cryst., cs., works..lb. .95 - 1.00
commercial, cryst., bbls., ton lots, works..lb. .42 - —
smaller lots, works.....lb. .50 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .35 - .40
Tunisan, bls.....lb. .33 - .35
Chilean, bls.....lb. .19 - .20
Matico leaves, bls.....lb. .30 - .35
Menthol, USP, natural, cs.....lb. 3.10 - 3.20
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 -
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.24 - —
25 lbs.....lb. 1.26 - —
50%, pails, 50 lbs.....lb. 1.79 - —
25 lbs.....lb. 1.81 - —
Mercury (see Quicksilver)
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate)
Bisulphate, bots., 5 lbs.....lb. 2.62 - 2.64
fib., dms., 100 lbs.....lb. 2.49 - —
jars, 25 lbs.....lb. 2.51 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 4.41 - 4.45
cns., 25 lbs.....lb. 4.30 - 4.35
fib., dms., 100 lbs.....lb. 4.30 - 4.35
yellow, bots., 5 lbs.....lb. 4.51 - 4.55
cns., 25 lbs.....lb. 4.40 - —
fib., dms., 100 lbs.....lb. 4.40 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbls..lb. 2.26 - —
USP, fib. dms., 50 lbs. or more..lb. 2.78 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.72 - —
fib., dms., 25 lbs.....lb. 1.60 - 1.65
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅝x5⅞ in.....pkg.22.50 -23.00
3⅝x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .52 - —
95%, tanks.....gal. .51 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gl. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07¼- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Methyl acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
acetone, natural, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast .....gal. .42- —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt. alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4. .....gal. .605 - —
tanks, Zone 1, frt. alld., E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4, ...gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.20
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
Chloride, refrigeration, service men and consumers, 60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 30-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .38
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37—
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .28 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .35 - —
smaller containers, same basis. lb. .38 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Meihylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .28
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.50
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bags., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works.ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton..20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works.ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04⅝- —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex-whse., or frt. alld., E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse., or frt. alld., E...lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —

Milk, powd., unskimmed, roller, bbls., c.l. lb. .15½- —
l.c.l. lb. .16½- —
spray, bbls., c.l. lb. .16 - —
l.c.l. lb. .17 - —
Millet seed, yellow, bgs. lb. .04 - .04½
early fortune, bgs. lb. .03½- .04
hulled, bgs. lb. .06¾- .06¾
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports. gal. .05½- .06
f.o.b. New Orleans. gal. .04½- .05
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd. lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works lb. .53 - .55
tanks lb. .50 - —
Monobutylamine, dms., c.l., works lb. .50 - —
l.c.l., works lb. .51 - .53
tanks works lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works lb. .24 - —
l.c.l., dms. lb. .25 - —
tanks lb. .23 - —
Monoethylaniline, dms. lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd. lb. .65 - —
l.c.l., dlvd. lb. .70 - —
Monomethylpara-aminophenol sulphate, dms. lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs. oz. 11.10 - —
cns., 25 ozs. oz. 10.00 - —
Acetate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs. oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz. 10.75 - —
cns., 25 ozs. oz. 10.55 - —
Hydrobromide, bots., 5 ozs. oz. 8.95 - —
cns., 25 ozs. oz. 8.75 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs. oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works lb. .75 - —
smaller containers, works lb. 1.00 - —
Mullein leaves, cns. lb. .12 - .15
Mullein flowers, cns. lb. 1.20 - 1.25
Musk, nat., Tonquin, grained, bots. oz. 21.00 -22.00
pods, caddies, 20 ozs. oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs., or more lb. 3.00 - —
5 lbs. to 75 lbs. lb. 3.25 - —
1 lb. lb. 3.40 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs. lb. 3.65 - —
1 lb. lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. .90 - —
5 lbs. to 75 lbs. lb. 1.00 - —
1 lb. lb. 1.15 - —
Musk root, bls. lb. .35 - .36
Mustard seed, Bombay, brown, bgs. lb. No stocks
California, brown, bgs. lb. .06½- .07
Chinese, yellow, bgs. lb. .06½- .06¾
Danish, yellow, bgs. lb. .20 - .21
Dutch, yellow, bgs. lb. No stocks
English, yellow, bgs. lb. No stocks
Roumanian, yellow, bgs. lb. No stocks
Myrobalans, J1, bgs., shpt. ton. 30.00 Nom.
J2, bgs., shpt. ton. 21.00 Nom.
Extract, liquid, 25%, bbls. lb. No prices
solid, 50% bbls. lb. No prices
powdered, 70%, bbls. lb. .06 Nom.

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
Naphthalene, crude, dom., 74 deg., bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works, 100 lbs. 2.50 - —
l.c.l., works 100 lbs. 2.75 - 2.85
import, bgs., Atl. ports 100 lbs. No prices
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works lb. .05¾- —
50-lb., cs., same basis lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis pkg. .05¾- —
chipped, crushed, bbls., same basis lb. .05¼- —
rice, cryst., powd., bbls., same basis lb. .05¾- —
Nerolin, cryst., cns. lb. 1.25 - 1.35
Nickel carbonate, bbls. lb. .36 - .36½
Chloride, bbls. lb. .18 - .20
Oxide, black, bbls. lb. .35 - .38
Salt, bbls. lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld. lb. .70 - —
10-lb., tins lb. .80½- —
Nitercake, bulk, works ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. lb. .09 - —
tanks lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works lb .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls. lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Milk Powder—Oil, Fuel

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports. unit-ton. 1.21 5- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd. unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. 2.25 - —
East Coast producing points. unit-ton. No. prices.
import, bgs., c.i.f. Atlantic ports, shipt. unit-ton. 2.75 Nom.
Nitronaphthalene, bbls. lb. .24 - .25
Nutgalls, Alleppo, bgs., cs. lb. .29 - .30
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs. lb. .24 - .25
110s, bgs., cs. lb. No prices.
West Indian, bgs. lb. .14½- .15
Nux vomica, bls. lb. .06½- .07
powd., bbls., bxs. lb. .09 - .09½

O

Oakbark extract, 25% tan., bbls., c.l., wks. lb. .03½- —
l.c.l., bbls., wks. lb. .03¾- —
tanks lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S. gal. .12½- —
l.c.l., G.S gal. .17 - —
tanks, G.S. gal. .10½- —
Octyl acetate, dms., c.l., works. lb. .16 - —
l.c.l., works lb. .17 - —
tanks, works lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. lb. 1.90 - 2.00
s.p.a., bots. lb. 1.95 - 2.05
sweet, true, exp., cns. lb. .95 Nom.
Amber, crude, cns. lb. .19 - .20
ref'd, cns. lb. .50 - .51
Amyris, cns. lb. 3.00 - 3.25
Angelica root, bots. lb. 45.00 Nom.
seed, bots. lb. 75.00 Nom.
Anilin (see A).
Anise, USP, cns., dms. lb. .85 Nom.
Apricot, kernels, cns. lb. .32 Nom.
Babassu, tanks. lb. .07½ Nom.
Bay, W. I., 50-55% phenols, cns. lb. 1.05 Nom.
55-60% phenols, cns. lb. 1.20 Nom.
Bergamot, artif., cns. lb. 1.25 - 1.30
natural, coppers. lb. 4.00 Nom.
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms. lb. .25 Nom.
rectified, cns. lb. .60 - .65
Bois de rose, Brazil, cns. lb. 1.60 Nom.
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms. lb. .53 Nom.
USP IX, cns. lb. .63 Nom.
Calamus, cns. lb. 5.50 Nom.
Camphor, sassafrassy, cns. lb. .30 Nom.
dms. lb. .28 Nom.
white, cns. lb. .36 Nom.
dms. lb. .34 Nom.
Cananga, native, cns. lb. 1.35 Nom.
rectified, cns. lb. 1.80 Nom.
Capsicum (oleoresin) N. F. VI, cns. lb. 2.00 - 2.30
Caraway, USP, cns. lb. 2.75 Nom.
Cardamom, bots. lb. 15.00 Nom.
Cassia, USP, cns., dms. lb. 1.15 Nom.
Castor, blown, one-way dms., c.l. lb. .11¼- —
l.c.l. lb. .12 - —
medicinal, bbls., c.l. lb. .09¾- —
l.c.l. lb. .10½- —
cns. (1-gal.) l.c.l. lb. .13½- —
dms (returnable), c.l. lb. .09½- —
l.c.l. lb. .10¼- —
(5-gal.), l.c.l. lb. .11½- —
tanks lb. .09 - —
No. 3, bbls., c.l. lb. .09¼- —
l.c.l. lb. .10 - —
dms. (returnable), c.l. lb. .09 - —
l.c.l. lb. .09¾- —
tanks lb. .08½- —
dehydrated, dms., c.l. lb. .131 - —
l.c.l. lb. .136 - —
tanks lb. .125 - —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
75% (63% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
80% (68% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
Cedarleaf, cs. lb. .62 Nom.
dms. lb. .57 Nom.
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms. lb. .20 - .21
Celery, bots. lb. 7.00 Nom.
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. lb. .75 - —
Chinawood, dms. lb. .28 Nom.
tanks lb. .23 - .27
Cinnamon, Ceylon, bots. lb. 9.25 -25.00
Seychelle, bots. lb. 7.25 Nom.
Citronella, Ceylon, cns. lb. .38 Nom.
dms. lb. .36 Nom.
Java, cns., dms. lb. .35 Nom.
Clove, makers, USP, cns. lb. 1.60 Nom.
dms. lb. 1.55 Nom.
Coconut, Manila, crude, tanks, lb. .04½ Nom.
Pac. Cst. lb. No prices
edible, 76°, tax incl., dms. (returnable), c.l. lb. .09¼- —
l.c.l. lb. .09¾- —
tanks lb. No prices
Cod, Newfoundland, shipt., un-tanked. gal. No prices
Norwegian, shipt., bbls. gal. No prices
Codliver, med., USP, bbls. bbl. 40.00 -50.00
Coriander, bots. lb. 12.75 Nom.
Corn, crude, tanks, wks. lb. .07 Nom.
refd., bbls. lb. .09¾ Nom.
Cottonseed, dom., cooking, bbls., lb. .09½- —
salad, bbls. lb. .10 - —
import, Brazilian, semi-refd., bulk. lb. No prices
Creosote (see C).
Croton, USP, cns. lb. 1.35 Nom.
Cubeb, USP, cns. lb. 3.50 Nom.
Crude (see Petroleum, crude).
Cumin, bots. lb. 7.25 Nom.
Cypress, dom., bots. lb. 5.25 Nom.
import, cns. lb. 12.00 Nom.
Degras (see D).
Diesel, Bayonne, bulk bbl. 1.75 - —
California, 24 plus, bulk bbl. 1.55 - —
Dill seed, bots. lb. 3.00 Nom.
weed, bots. lb. 3.60 Nom.
Dip (see L).
Erigeron, cns. lb. 2.40 Nom.
Eucalyptus, cns. lb. .57 Nom.
dms. lb. .55 Nom.
Fennel, sweet, cns. lb. 1.95 Nom.
Fuel, bunker, California, tide-water. bbl. .90 - —
Gulf Coast bbl. .90 - .95

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PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

SEP 1939

Oil, Fuel—Petroleum

Oil, fuel, Louisiana, Arkansas, 10-14	bbl.	.85	- 1.00
N. Y. and N. J. terminals:—			
Monday	bbl.	1.15	- —
Tuesday	bbl.	1.15	- —
Wednesday	bbl.	1.15	- —
Thursday	bbl.	1.15	- —
Friday	bbl.	1.15	- —
Saturday	bbl.	1.05	- —
North. Texas, 18-23	bbl.	.85	- .90
24-28, zero cold test	bbl.	1.00	- 1.10
Oklahoma, 18-22	bbl.	.85	- .90
24-28, zero cold test	bbl.	1.00	- 1.10
24-28, 15 and above	bbl.	.85	- .90
Pennsylvania, 36-40	gal.	.04	- .04¼
Furnace, Bayonne, 1, bulk, refinery	gal.	.04¾	- —
2, bulk, same basis	gal.	.04¾	- —
4, bulk, same basis	gal.	.04¼	- —
Louisiana - Arkansas, 32-36, light straw	gal.	.03¼	- .03½
Oklahoma, 28-30	gal.	.03	- —
32-36	gal.	.03⅝	- .03¾
36-38	gal.	.03⅝	- .03⅝
38-40, straw	gal.	.03⅝	- .03¾
38-40 zero, 60 o.p.	gal.	.03¾	- .04
Fuel (see F).			
Gas, Bayonne, bulk	gal.	.04	- —
Gulf Coast, bulk	gal.	.03½	- —
North Texas, bulk	gal.	.02⅞	- —
Oklahoma, bulk	gal.	.03½	- —
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.,	lb.	2.75	Nom.
Bourbon, cns	lb.	2.75	Nom.
Turkish (see Palmarosa).			
Grapefruit, cns	lb.	1.50	Nom.
Grapeseed, dms	lb.	.40	Nom.
Ginger, dist., bots	lb.	4.25	Nom.
Guaiac wood, concrete, bots.	lb.	2.10	Nom.
Haarlem, import, bots	gross	5.50	- 5.75
Hemlock, cns	lb.	.65	- .70
Juniper berry, USP, cns	lb.	1.35	Nom.
Wood, tech., cns	lb.	.45	- —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.40	Nom.
cns.	lb.	.42	Nom.
Lard, common, 1, bbls	lb.	.09¼	- —
2, bbls.	lb.	.09¼	- —
extra, bbls.	lb.	.10	- —
1, bbls.	lb.	.09¾	- —
Winter, strained, extra, bbls.,	lb.	.10¼	- —
prime, burning, bbls	lb.	.11	- —
prime, ined., bbls	lb.	.10¾	- —
Laurel, bots	lb.	4.50	Nom.
Lavandin, cns., 25 lbs	lb.	1.50	Nom.
Lavender flower, French 50% ester, cns.	lb.	4.50	Nom.
38-42% ester, cns	lb.	3.25	Nom.
35-38% ester, cns	lb.	2.75	Nom.
30-32% ester, cns	lb.	2.25	Nom.
garden, cns	lb.	.42	- .45
spike, Spanish, tech., cns.	lb.	1.05	Nom.
dms.	lb.	.95	Nom.
Lemon, Calif., cns	lb.	3.00	- —
Messina, coppers, cns	lb.	3.50	Nom.
Terpeneless, Type 1	lb.	10.75	-16.50
Type 2	lb.	8.50	-14.50
Lemongrass, native, cns., dms.,	lb.	.55	Nom.
Lime, dist., West Indian, cns.,	lb.	3.45	Nom.
expressed, cns	lb.	7.25	Nom.
Terpeneless, Type 1	lb.	42.00	-46.50
Type 2	lb.	60.00	-78.00
Linaloe wood, cns	lb.	1.50	Nom.
Linseed, raw, bbls., c.l.	lb.	.1040-	.1100
l.c.l., 10 to 99	lb.	.1060-	.1120
5 to 9	lb.	.1100-	.1140
less than 5	lb.	.1120-	.1160
tanks	lb.	.0980-	.1040
Boiled linseed oil prices are .004 cents higher than raw.			
Lovage, bots	lb.	41.25	-60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms	gal.	.26	- —
140 vis., dms	gal.	.25	- —
green, pale, 750, 900 vis., dms.	gal.	.26	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26	- —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.21½	- —
15-25 pour, tanks.	gal.	.20½	- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.23	- —
15-25 pour, tanks.	gal.	.22	- —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.21½	- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.26	- —
200-210 E, 15-25 pour, tanks.	gal.	.25	- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13	- —
180 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks	gal.	.13½	- —
200 vis., 3 color, tanks,	gal.	.14½	- —
4 color, tanks	gal.	.14	- —
250 vis., 3 color, tanks,	gal.	.15½	- —
4 color, tanks	gal.	.15	- —
280 vis., 3 color, tanks,	gal.	.16½	- —
4 color, tanks	gal.	.16	- —
300 vis., 3½ color, tanks,	gal.	.17	- —
350 vis., same basis	gal.	.17½	- —
400 vis., same basis	gal.	.18	- —
500 vis., same basis	gal.	.18½	- —
600 vis., same basis	gal.	.19	- —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.			
Penn., bright, 600, 10-15 pour, tanks.	gal.	.21	- .23½
25 pour, tanks.	gal.	.20	- .21½
cylinder, 600 fire, tanks,	gal.	.16	- .17
600 flash, tanks	gal.	.17½	- .18
630 flash, tanks	gal.	.18	- .20
635 fire, tanks	gal.	.14	- .16
650 fire, tanks	gal.	.15	- .16
Warren, E, amber, tanks,	gal.	.14	- —
Penna., Warren, E, neutral, 150 vis., 3 color, tanks.	gal.	.19½	- .20
180 vis., 3 color, tanks.	gal.	.20½	- .21
200 vis., 2 colors, tanks.	gal.	.21	- .21½
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.26	- —
unfiltered, 600 s. r. bbls., f.a.s.	gal.	.19½	- —
600 flash, s. r., bbls., c.l.	gal.	.21½	- —
630 flash, bbls, c.l., f.a.s.,	gal.	.24½	- —
Warren, E., bbls., c.l. f.a.s., smaller lots, f.o.b.	gal.	.25	- —
Mace, dist., cns., dms	lb.	1.50	Nom.
Mandarin, superior, coppers.	lb.	6.00	Nom.
Menhaden, crude, tanks, f.o.b. Balto.	gal.	No prices.	
refd., alkali, dms	lb.	.0800-	—
tanks	lb.	.0740-	—
refd., blown, dms	lb.	.0820-	—
kettle-bodied, dms	lb.	.0920-	—
light pressed, dms	lb.	.0740-	—
tanks	lb.	.0980-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, cns.	lb.	1.60	- 1.70
dist., natural, bots	lb.	8.50	- 9.00
Oil, neatsfoot, 20° cold test, bbls.,	lb.	.18¾-	—
extra, bbls	lb.	.10	- —
1, bbls	lb.	.09¾-	—
pure, bbls	lb.	.15¾-	—
prime, bbls	lb.	.10¼-	—
sulphonated, common, 25% moisture, dms.	lb.	.10½-	—
Neroli, bots	lb.	85.00	-140.00
Nutmeg, USP, cns., dms.	lb.	1.50	Nom.
Oiticica, dms	lb.	.21	Nom.
Oleo, 1, bbls	lb.	.11½	Nom.
2 bbls	lb.	.11	Nom.
Olibanum, bots	lb.	5.00	- 5.25
Olive, denat., bbls	gal.	1.35	Nom.
edible, bbls	gal.	2.25	Nom.
foots, dms	lb.	.10	Nom.
sulphonated, 50% (43% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
75% (63% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
80% (68% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
Orange, sweet, dist., cs.	lb.	.75	- —
Expressed, African, cns., dms.	lb.	1.00	Nom.
Calif., cns	lb.	1.40	- —
Messina, USP, coppers.	lb.	3.00	Nom.
West Indies, cns	lb.	2.50	Nom.
terpeneless	lb.	68.00	-69.00
Origanum, cns	lb.	.90	- 1.25
Orris, Florentine, concrete, extra strong bots.	oz.	4.75	- 5.50
Palm, Niger, csks	lb.	No prices	
shipment	lb.	No prices	
softs, 12½%, bulk, shipt.	lb.	No prices	
20%, bulk, shipt	lb.	No prices	
Sumatra, shipt., bulk	lb.	No prices	
Palmarosa, cns	lb.	2.50	Nom.
Palmkernel, bulk, shipt	lb.	No prices	
Paraffin, 320° flash, 60-70 vis., tanks, G. S.	gal.	.05¼-	—
350° flash, 70-80 vis., tanks, G. S.	gal.	.05½-	—
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
650° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. S.	gal.	.05¾-	—
Patchouli, bots., cns	lb.	3.75	Nom.
Peanut, crude, dom., tanks.	lb.	.07	Nom.
refd., edible, bbls	lb.	.10½	Nom.
Pennyroyal, dom., cns	lb.	2.15	Nom.
import. cns	lb.	2.20	Nom.
Peppermint, natural, cns., dms.	lb.	2.20	- 2.45
redist., USP, cns., dms.	lb.	2.45	- 2.70
Perilla, dms	lb.	.14¾-	.15
tanks	lb.	.13½-	.14
Petitgrain, Paraguay, cns	lb.	.95	Nom.
Pimento berry, cns	lb.	4.15	Nom.
leaf, cns	lb.	3.00	Nom.
Pine, dest.-dist., straw-color, dms., dlvd., E. ports	gal.	.52	- .55
steam-dist., dms	gal.	.59	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	1.15	Nom.
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
Whiting, Ind	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal	gal.	.28	- —
Rapeseed, blown, bbls	lb.	.15	- .15½
denat., bbls	gal.	.90	Nom.
Red, dist. or saponif, dms., dlvd.	lb.	.09	- .09¾
tanks, dlvd	lb.	.08½-	—
Rose, artif., bots	oz.	2.00	Nom.
natural, coppers	oz.	No prices	
Rosemary, Spanish, cns	lb.	.69	Nom.
dms.	lb.	.64	Nom.
Rosin, 1st rectfd., dms	gal.	.47	- —
2d rectfd., dms	gal.	.49	- —
3d rectfd., dms	gal.	.53	- —
Rue, bots	lb.	3.00	Nom.
Sage, cns	lb.	2.50	Nom.
Sandalwood, E. I., USP, cns.	lb.	5.50	Nom.
Mysore, cns., case lots	lb.	No prices	
Sardine, crude, tanks, Pac. Cst.	gal.	.36	Nom.
refd., alkali, dms	lb.	.0800-	—
tanks	lb.	.0740-	—
kettle boiled, dms	lb.	.0920-	—
light pressed, dms	lb.	.0740-	—
tanks	lb.	.0680-	—
Sassafras, artif., cns	lb.	.41	Nom.
Sassafras, artif., cns.	lb.	.54	Nom.
dms.	lb.	.52	Nom.
Savin, cns	lb.	2.15	Nom.
Savory, cns.	lb.	2.00	Nom.
Sesame, refd., import, dms.	lb.	.11	Nom.
Shingle stain, bbls., c.l., wks.,	gal.	.19	- —
l.c.l., works	gal.	.21	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.07⅛	Nom.
tanks	lb.	.06½	Nom.
refd., dms	lb.	.08⅝	Nom.
tanks	lb.	.07⅝	Nom.
Spearmint, USP, cns.	lb.	1.80	- 1.85
Sperm, bleach, 38°, dms	lb.	.1030-	—
45°, dms	lb.	.0960-	—
natural, dms	lb.	.0910-	—
Spruce, cns., dms	lb.	.70	- .90
Sweet, birch, North, cns	lb.	2.25	- 2.65
South, cns.	lb.	1.45	- 1.50
Tall, crude, dms., c.l., works,	ton.	35.00	- —
l.c.l., works	ton.	40.00	-55.00
tanks, works	ton.	25.00	- —
refined, dms., c.l., works	lb.	.04	- —
l.c.l., works	lb.	.04½-	—
tanks, works	lb.	.03¾-	—
Tallow, acidless, bbls	lb.	.09½-	—
tanks	lb.	.09	- —
Tansy, cns	lb.	7.00	Nom.
Tar, pine, cm'l, dms., c.l., dlvd., E. cities.	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities	gal.	.20	- —
Tar, pine, rectfd., USP, bbls., dlvd., E. ports.	gal.	.55	- —
Tar acid (see T).			
Teaseed, crude, dms	lb.	.13½	Nom.
refined, dms	lb.	.14½	Nom.
Tea Tree (see Oil, Ti tree).			
Thyme, NF, red, dms	lb.	1.10	Nom.
white, dms.	lb.	1.15	Nom.
Tung (see Oil, chinawood).			
Ti tree, cns	lb.	2.40	Nom.
Turkey red (see Oil, castor, sulphonated)			
Turpentine (see T).			
Valerian, bots	lb.	8.00	Nom.
Vetiver, bots	lb.	6.00	-18.00
Walnut, crude, dms	lb.	.15	Nom.
refd., dms	lb.	.16	Nom.
Whale, refd., natural, dms.	lb.	.0910-	—
winter, bleach, dms	lb.	.0950-	—
Wheat germ, phar., cns., dms.	gal.	22.50	-30.00
feedstuff, cns., dms	gal.	17.50	-25.00
White, mineral, dms., tech., 50-60 vis., dms	gal.	.40	- —
65-75 vis., dms	gal.	.42	- —
80-90 vis., dms	gal.	.43	- —
USP, 60-90 vis., dms.	gal.	.46	- —
95-105 vis., dms	gal.	.53	- —
125-135 vis., dms	gal.	.60½-	—
140-150 vis., dms	gal.	.64	- —
175-185 vis., dms	gal.	.68½-	—
200-210 vis., dms	gal.	.70¼-	—
320-330 vis., dms	gal.	.76	- —
335-345 vis., dms	gal.	.77	- —
Oil, white, mineral, Russian, 80-90 vis., dms.	gal.	.58	Nom.
145-155 vis., dms	gal.	.76½	Nom.
175-185 vis., dms	gal.	.80½	Nom.
335-345 vis., dms	gal.	.89	Nom.
Wintergreen, natural, North, cns.	lb.	4.00	- 5.00
South, cns	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.60	Nom.
Wormwood, cns	lb.	4.90	- 5.00
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 3.00
Manila, bots	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines,	ton.	5.00	- 8.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton.	15.00	- —
20 mesh to dust	ton.	10.00	- —
Opium, USP, cns	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns	lb.	12.50	-13.50
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½-	—
Colo., Mont., N.M., Wyo.	lb.	.11¼-	—
Other points	lb.	.10⅝-	—
smaller lots, dlvd., Ala., etc.	lb.	.11½-	—
Ariz., etc.	lb.	.12	- —
Colo., Mont., N. M., Wyo.	lb.	.11¾-	—
Other points	lb.	.11¼-	—
French, Tours, casks, ex dock.	lb.	.13½-	—
kgs., ex dock	lb.	.14½-	—
Molybdate, bbls	lb.	.31	- —
Toner, bbls	lb.	.80	- —
Orangeflower petals, cs	lb.	.55	- .60
Orange peel, bitter, bls.	lb.	.09	- .10
sweet, bls	lb.	.18	- .19
Orris root, Florentine, bgs.	lb.	.14	- .18
fingers, cs.	lb.	1.25	- 1.30
powd., bbls., bxs	lb.	.16	- .20
Verona, bls.	lb.	.14	- .17
powd., bxs., cs	lb.	.16	- .20
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroanilin, dms	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.82	- —
Orthocresol, dms., c.l., works.	lb.	.16½-	—
l.c.l., same basis	lb.	.17½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis	lb.	.06½-	—
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms	lb.	.09	- —
Orthotoluidin, dms	lb.	.19	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls	lb.	.08	- —
51°, bbls.	lb.	.09	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs	lb.	3.65	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

P

Papain, powd., cs	lb.	1.30	- 1.75
Paprika, Hungarian, extra fancy, bgs.	lb.	.40	- .42
medium, bgs	lb.	.39	- .41
Portuguese, extra fancy, bgs.,	lb.	.35	Nom.
fancy, bgs.	lb.	.34	Nom.
Spanish, extra fancy, cs.	lb.	.43	Nom.
Parachlorophenol, dms	lb.	.45	- —
Paracymene, refd., dms	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.0345-	—
bbls., c.l., N. Y.	lb.	.0340-	.0350
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.0350-	—
bbls., c.l., N. Y.	lb.	.0340-	.0355
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0340-	.0350
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.04½-	—
loose, c.l.	lb.	.0450-	—
125-127 A.m.p., bgs., c.l.	lb.	.0440-	—
loose, c.l.	lb.	.0420-	—
128-130 A.m.p., bgs., or loose, c.l.	lb.	.04	- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0485-	—
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0515-	—
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0540-	—
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0615-	—
143-145 A.m.p., bgs., or loose, c.l.	lb.	.07	- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.09	- —
Refined paraffin prices in cases are 1½c. lb. higher than bags price; sold in tankcars is .05c. lower.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½-	.02⅝
semirfd., solid., 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis.	lb.	.35	- —
Paraldehyde, tech., 99% 55 and 100 gal. dms., c.l., works.	lb.	.10	- —
l.c.l., works	lb.	.11¼-	—
5 and 10 gal, dms., works.	lb.	.15	- —
USP, cs., cbys	lb.	.37	- .45
Paranitroanilin, kgs., works.	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs	lb.	.85	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls	lb.	.23	- .25
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls	lb.	.06½-	.07
Patchouli leaves, bls	lb.	.23	- .24
Pellitory root, bls	lb.	.20	- .30
Pennyroyal leaves, bls	lb.	.15	- .16
Pentanes norm., 28-38°, dms., c.l., G.S.	gal.	.11¼-	—
l.c.l., G.S.	gal.	.16	- —
tanks, G.S	gal.	.08½-	—
laboratory grade, dms., c.l., G.S.	gal.	.14	- —
l.c.l., G.S	gal.	.25	- —
Pepper, black, Alleppey, bgs.	lb.	.08½-	.09
Lampong, bgs	lb.	.04½-	.05
Tellicherry, bgs	lb.	.08½-	.09
Red, chillies, Japan, Hontaka,	lb.	.22	- .23
Mombassa, bgs	lb.	.35	- .40
White, Java, Muntok, bgs.	lb.	.09½-	.10
Saigon, bgs	lb.	.08	- .08½
Peppermint leaves, dom., bls.	lb.	.32	- .35
import, bls	lb.	.65	- .70
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08	- —
l.c.l., same basis	lb.	.08¼-	—
Zone 2, dms., c.l., works, frt. alld.	lb.	.08¼-	—
l.c.l., same basis	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis	lb.	.09¼-	—
Zone 4, dms., c.l., f.ob., stock points.	lb.	.09	- —
l.c.l., same basis	lb.	.09¼-	—

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms	lb.	1.10	- 1.15
Petrolatum, amber, dms., c.l.	lb.	.02¾-	—
l.c.l.	lb.	.03⅜-	—
amber, extra, dms	lb.	.03	- —
l.c.l.	lb.	.04⅛-	—
veterinary, dms., c.l.	lb.	.02⅝-	—
white, cream, dms., c.l.	lb.	.04½-	—
l.c.l.	lb.	.06	- —
lily, dms., c.l.	lb.	.05½-	—
l.c.l.	lb.	.07	- —
snow, dms., c.l.	lb.	.06½-	—
l.c.l.	lb.	.08	- —
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .80
Athens	bbl.	.84	- 1.00
Belridge	bbl.	.70	- 1.23
Buena Vista Hills	bbl.	.70	- 1.88
Canal-Greely	bbl.	.91	- 1.68
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.23
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.85
Elwood Terrace, f.o.b. ship.,	bbl.	1.38	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.79	- 1.28
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.48
La Habra	bbl.	.76	- .90
Lakeview	bbl.	.70	- 1.28
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway-Sunset (except Lakeview)	bbl.	.70	- 1.88
Montebello	bbl.	.77	- 1.75
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.30
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .80
Olinda Brea	bbl.	.76	- 1.37
Playa del Rey, f.o.b. pipeline	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.00
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.49
Santa Maria	bbl.	.68	- .70
California, Santa Paula,	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.31
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .85
Whittier	bbl.	.76	- .90
Wilmington	bbl.	.75	- 1.31
Canada:—			
Oil Springs	bbl.	1.97	- —
Petrolia	bbl.	1.90	- —
Central West:—			
Illinois	bbl.	.53	- 1.05
Lima	bbl.	.90	- —
Western Michigan	bbl.	.88	- —
Princeton	bbl.	1.05	- —
East Texas	bbl.	1.10	- —
Gulf Coast:—			
Barber's Hill	bbl.	.79	- 1.16
Batson	bbl.	.74	- 1.04
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.79	- 1.16
Goose Creek	bbl.	.79	- 1.28
Hull	bbl.	.74	- 1.04
Humble	bbl.	.74	- 1.04
Liberty	bbl.	.79	- 1.16
Markham	bbl.	.90	- 1.29
Orange	bbl.	.79	- 1.16
Pettus	bbl.	1.29	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.79	- 1.34
Saratoga	bbl.	.74	- 1.04
Sour Lake	bbl.	.74	- 1.04
Spindle Top	bbl.	.74	- 1.04
Sugarland	bbl.	.79	- 1.28
West Columbia	bbl.	.79	- 1.28
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.02	- 1.12
Kentucky river	bbl.	1.10	- 1.20
Western Kentucky (Owensboro)	bbl.	1.10	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.73	- 1.03
Caddo	bbl.	.98	- 1.00
Cameron Meadows	bbl.	.74	- 1.13
Choctaw	bbl.	.74	- 1.20
Cotton Valley	bbl.	.73	- 1.05
Darrow	bbl.	.74	- 1.20
De Sota	bbl.	.73	- 1.05
El Dorado	bbl.	.73	- 1.05
Haynesville	bbl.	.73	- 1.05
Homer	bbl.	.73	- 1.05
Iowa	bbl.	.74	- 1.13
Lockport	bbl.	.74	- 1.13
Magnolia	bbl.	.73	- 1.05
Miller County	bbl.	.73	- 1.05
Pine Island	bbl.	.73	- 1.05
Rainbow	bbl.	.73	- 1.05
Rodessa	bbl.	.73	- 1.05
Smackover	bbl.	.73	- —
Tepetate	bbl.	1.03	- —
Urania	bbl.	.99	- —
Mexico, f.o.b. terminals			
Mexican port — based on contract:—			
Panuco	bbl.	No prices	
Tuxpan	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.51	- 1.10
Oklahoma-Kansas	bbl.	.58	- 1.10
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.00	- —
Corning	bbl.	1.62	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.55	- —
Eureka lines	bbl.	1.59	- —
N. Y. Transit lines.	bbls.	2.00	- —
S. W. Penn. lines, lower district in National Transit lines.	bbl.	1.95	- —
	bbl.	1.89	- 1.98

Petroleum, crude, bulk, at well.
Rocky Mountain
Big Muddy ..... bbl. .98 - —
Casper City-Florence ... bbl. .90 - —
Cat Creek ..... bbl. 1.10 - —
Rocky Mountain:—
Dutton Creek ..... bbl. .86 - 1.10
Elk Basin ..... bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.02
Frannie, light ..... bbl. .45 - .83
Grass Creek, light ..... bbl. .90 - —
Iles ..... bbl. .92 - .96
Lance Creek ..... bbl. .77 - —
Lander ..... bbl. .51½- —
Midway ..... bbl. .86 - 1.10
Rock Creek ..... bbl. 1.00 - —
Salt Creek ..... bbl. .86 - 1.10
Sunburst ..... bbl. 1.30 - —
Torchlight ..... bbl. 1.30 - —
South Central and Southwestern Texas:—
Caso County ..... bbl. .73 - 1.06
Cleveland-Liberty ..... bbl. 1.14 - —
Conroe ..... bbl. 1.27 - —
Darst Creek ..... bbl. .96 - —
Hardin-Liberty ..... bbl. 1.00 - 1.02
Luling ..... bbl. .87 - —
Lytton Springs ..... bbl. .90 - —
Mirando, (incl. Duval), bbl. .74 - 1.03
Panola County ..... bbl. .73 - 1.02
Salt Flat ..... bbl. .96 - —
Tomball ..... bbl. .95 - 1.41
Van ..... bbl. .93 - —
West Beaumont ..... bbl. .70 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County ..... bbl. .72 - 1.06
West Texas:—
Artesia, N. M. ..... bbl. .61 - .88
Crane ..... bbl. .53 - .95
Crockett ..... bbl. .53 - .95
Ector ..... bbl. .53 - .95
Eddy (N. M.) ..... bbl. .77 - —
Howard ..... bbl. .53 - .95
West Texas, Jackson, N.M. bbl. .61 - .85
Jackson, N. M. ..... bbl. .61 - .88
Lea, N. M. ..... bbl. .53 - .95
Maljamar, N. M. ..... bbl. .61 - .85
Mitchell ..... bbl. .63 - .95
Pecos ..... bbl. .65 - .87
Upton ..... bbl. .53 - .93
Winkler ..... bbl. .53 - .95
Ether, 30-60° dms., c.l., G.S. gal. .14 - —
l.c.l., G.S. ..... gal. .28 - —
tanks, G.S. ..... gal. .13 - —
28-60°, dms., l.c.l., G.S. .... gal. .30 - —
40-75°, dms., c.l., G.S. .... gal. .14 - —
l.c.l., G.S. ..... gal. .25 - —
tanks, G.S. ..... gal. .13 - —
Laboratory grade, dms., c.l., G.S. .. gal. .14 - —
c.l., G.S. ..... gal. .25 - —
10-gal. lots, G.S. ..... gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles .. gal. .11 - —
San Francisco .. gal. .11½- —
f.o.b. Richmond .... gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
East Coast, tanks ..... gal. .09 - —
Group 3, tanks ..... gal. .07½- .07½
Naphtha, cleaners', at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .06½- .06½
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport ..... gal. .13½- —
Chicago, inc. 4c. tax .. gal. .17½- —
Decatur, inc. 4c. tax .. gal. .186 - —
Des Moines, inc. 4c. tax, gal. .184 - —
Evansville, inc. ex tax. gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .20 - —
Newark, ex tax ..... gal. .10 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Oklahoma City, ex tax. gal. .16 - —
Philadelphia, ex tax ... gal. .11½- —
St. Louis, inc. 1c. tax. gal. .15 - —
Syracuse, 150 gals .... gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans .. gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway ..... gal. .15 - —
2, over 90% arom., same basis .. gal. .16 - —
3, tanks, f.o.b. Paulsboro, N.J. .. gal. .13 - —
30, same basis ..... gal. .14¼- —
40, same basis ..... gal. .14¼- -
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 350 e.p., tanks, f.o.b. El Segundo .. gal. .11 - —
Richmond .. gal. .11¼- —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd., Los Angeles gal. .10 - —
San Francisco .... gal. .10½- —
Portland, Seattle ..... gal. .11 - —
East Coast, tanks .... gal. .09 - —
Group 3, tanks ..... gal. .06½- .06½
tankwagon, Boston, ex tax, gal. .13 - .14
Chicago, inc. 4c. tax .. gal. .16½- -
Des Moines, inc. 4c. tax. gal. .184 - —
Decatur, inc., 4c. tax .. gal. .186 - —
Evansville, Ind., ex tax. gal. .147 - .157
Milwaukee, inc. 5c. tax. gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .20 - —
Newark, ex tax ..... gal. .11 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Philadelphia, ex tax ... gal. .12½- —
St. Louis, inc. 1c. tax. gal. .15.2- —
solvent, rubber, at refinery, East Coast, tanks .. gal. .09 - —
Group 3 light, 120 i.b.p., 250 e.p., tanks .. gal. .06½- .06½
standard, 180 i.b.p., 288 e.p., tanks .. gal. .06½- .06½
Stoddard (CS 3-38), at refinery:—
East Coast, tanks ..... gal. .08½- —
Group 3, tanks ..... gal. .05½- .06
tankwagon, Boston, ex tax .. gal. .12½- .13½
Chicago, inc. 4c. tax .. gal. .159 - —
Stoddard, Decatur, inc. 4c. tax .. gal. .181 - —
Des Moines, inc. 4c. tax. gal. .179 - —
Evansville, Ind., ex tax. gal. .135 - .145
Milwaukee, inc. 5c. tax. gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .177 - —
Newark, ex tax ..... gal. .09 - —
New Orleans, ex tax ... gal. .11 - —
New York, ex tax ..... gal. .09 - —
Omaha ..... gal. .131 - .14
Philadelphia, ex tax ... gal. .10¼- .13½
St. Louis, inc. 1c. tax. gal. .129 - —
Tulsa, ex tax ..... gal. .10 - .11

Petroleum thinners, at refinery:—
tainners, at refinery:—
California, 34, 226 i.b.p., 390 e.p., low aniline, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles .. gal. .15 - —
Portland, Ore ..... gal. .16 - —
Richmond ..... gal. .14½- —
Seattle, Wash .... gal. .16½- —
tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore .. gal. .10½- —
Richmond ..... gal. .10 - —
Southern Calif .... gal. .09½- —
34, 209 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore .... gal. .12 - —
Richmond ..... gal. .11½- —
Seattle, Wash .... gal. .12 - —
East Coast, 43-47, tanks. gal. .08½- —
47-49, tanks ..... gal. .09½- .10
New Jersey, tanks ..... gal. .08½- —
Group 3 tanks ..... gal. .06½- .06½
tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.) .. gal. .12½- .13½
25-99 gals ..... gal. .13½- .15½
Boston ..... gal. .13 - —
Bound Brook, North Amboy, N. J. .. gal. .11½- .13½
Bridgeport, Conn ..... gal. .11 - —
Buffalo ..... gal. .15 - —
Camden, N. J. ..... gal. .10 - .12
Chicago ..... gal. .162 - —
Decatur, Ill. ..... gal. .176 - —
Des Moines ..... gal. .174 - —
Evansville, Ind ..... gal. .137 - .147
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul ... gal. .19 - —
Newark ..... gal. .09 - —
New York (200 gals.) .. gal. .09 - —
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .10 - .12

Petroleum, thinners, tankwagon, tax incl., Pittsburgh .. gal. .11½- .13½
Providence ..... gal. .11½- —
Rochester ..... gal. .12 - —
St. Louis ..... gal. .142 - —
Syracuse ..... gal. .12½- —
Trenton ..... gal. .10 - —
Wilmington, Del ..... gal. .10 - .12
Phenobarbital, 5-lb. bots ..... lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract .. lb. 3.60 - —
25-lb. cns. ..... lb. 3.55 - —
Phenol, USP, dms., c.l., works, frt. equald .. lb. .13 - —
l.c.l., same basis ..... lb. .13¾- —
under 1,000 lbs ..... lb. .14¾- —
tanks, works ..... lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots .. lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots .. lb. .80 - —
100-lb. fib., dms ..... lb. .82 - —
25-lb. dms. ..... lb. .87 - —
50-lb. kgs. ..... lb. .84 - —
Phenyl chloride, dms ..... lb. .17 - —
Phenylacetaldehyde, bots ..... lb. 2.10 - 2.50
Dimethylacetate, cns ..... lb. 14.50 -15.00
Phenyl ethyl acetate, cns ..... lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works .. lb. 4.00 - —
commercial, kgs., works .. lb. 1.50 - —
pure, bbls., works ..... lb. 2.25 - —
Phlorogiucinol, CP, tins, works. lb. 20.00 -22.00
tech., tins, works ..... lb. 15.00 -16.50

Petroleum—Pitch, Coaltar

Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines .. long ton. 4.25 - —
land pebble, 68% min., bulk, mines .. long ton. 1.90 - —
land pebble, 70% min., bulk, mines .. long ton. 2.15 - —
72% min., bulk, mines ..... long ton. 2.40 - —
75% basis, 74% min., bulk mines .. long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines .. long ton. 5.50 - —
Phosphorus, red, cs ..... lb. .40 - .44
yellow, dms ..... lb. .18 - .20
cases ..... lb. .23 - .25
Oxychloride, cyls ..... lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks ..... lb. .13 - .14
Sesquisulphide, cs ..... lb. .25 - .43
Trichloride, cyls ..... lb. .15 - .16
Phthalamide, bbls., works, tons. lb. .32 - —
single bbls., works ..... lb. .40 - —
kgs., works ..... lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R .. lb. .14½- —
l.c.l., same basis ..... lb. .15½- —
Pichi leaves, bgs ..... lb. .20 - .23
Pilocarpine hydrochloride, bots., vis .. oz. 2.25 - 2.35
Nitrate, bots., vis ..... oz. 1.75 - 2.00
Pimento, bgs. ..... lb. .14 - .14¼
Pinkroot, bls ..... lb. .36 - .37
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works .. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —

The man who knows what X means

THE familiar symbol of the unknown is the letter X. X might also be a symbol of the trouble that the unknown can cause. Unknown characteristics in a naphtha can have strange and unpleasant consequences, such as gum formation, livering, and discoloration.

Manufacturers who have such troubles should be glad to meet the man who knows what X means. This man is one of Shell's Naphtha Technical Staff. A qualified Chemical Engineer, he devotes all of his time to the study of naphthas. Through years of experience and years of training in Shell's laboratories, he is unusually well prepared to ferret out any naphtha unknowns that may be causing you trouble.

The services of this man are entirely free. Why wait any longer to take advantage of them?

SHELL NAPHTHAS

Pitch, Hardwood—Soda Ash

Pitch, hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls..lb. .12 - .13
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .53 - .54
Root bark, bgs.....lb. .49 - .50
Poppy flowers, red, bls.....lb. 1.15 - 1.20
Seed, Dutch, bgs.....lb. .26 Nom.
Polish, bgs.....lb. .26 Nom.
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l. .....lb. .07½- .07½
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .09½ Nom.
gran., kgs.....lb. .12 Nom.
powd., kgs.....lb. .08½ Nom.
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots .....lb. 1.10 - —
50-lb. lots, cbys. or cns. lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots, or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f. ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.l.f. ports.....unit-ton. .58½- —
import, 30% K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .15 Nom.
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $3 per ton higher than bulk price.
Oxalate, pure, cryst., kgs.....lb. .30 - .31
tech., bbls. .....lb. .25 - .30
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10¼
Permanganate, tech., dms.....lb. .18½- .19
Prussiate, red, bbls.....lb. No prices
Yellow, bbls. .....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .12 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate NF, cryst., bbls., 400 lbs..lb. .12 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton. 34.25 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l. .....lb. .12 - —
Potash-magnesia sulphate, 48-55%, min. 48%, bgs., ships. ton. 24.75 - —
Potash-titanium oxalate, kgs..lb. .35 - .40
Prickly ash bark, bls.....lb. .19 - .20
Berries, bgs.....lb. .45 - .46
Prince's pine herb, bls..... lb. .15 - .17
Propane, tanks, Group 3....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .21 - .25
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03½- —
less than 3, works....lb. .04½- —
F and 1, bbls., 3 or over, works..lb. .04 - —
less than 3, works....lb. .04½- —
O, O-½, O-¾, and ¼ bbls., less than 3, works....lb. .04¼- —
3 or over, works.....lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock, N. Y...ton. 39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton. 44.00 Nom.
1,000-10,000 lbs., ex whse..ton. 46.00 Nom.
2 bgs., to 1,000 lbs., ex whse. ton. 48.00 Nom.
single bgs., ex whse.ton. 60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.00 - —
Linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms. .....100 lbs. 5.00 - —
standard, dms. .....100 lbs. 5.95 - —

Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Geil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless..gal. 7.15 - 7.50
basis (30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless..gal. 10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb. .35 - .37
Pyridin, denaturing, dms....gal. 1.63 - —
refd. 2°, dms.....lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines..ton. 9.00 - —
325 mesh, same basis....ton. 12.00 - —
No. 3, 200 mesh c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
scrap, china, shell-demi, transparent, cs., works..lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. No prices
tanks, works.....lb. No prices
solid, 63% bgs., c.l., ex dock, plus duty..lb. No prices
clarified, 64% bgs., c.l., same basis..lb. No prices
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid 51° bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N.Y...flasks. 160.00 -165.00
European, flasks, (76 lbs. net) in bond..flasks. 78.00 Nom.
Quince seed, bgs.....lb. .90 - 1.10
Quinidine, cryst., small, cns..oz. .90 - —
large, cns.....oz. .98 - —
powd., precip., cns.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .92 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 - —
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, USP, X, cns.....oz. .54 - —
USP, XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride, cns.oz. .75 - —

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .08 - .08½
red, bgs. .....lb. .08 - .08½
Japanese, bgs.....lb. .06¾- .07
Raspberries, dried, bls.....lb. .60 - .65
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1½c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
Maroon shades, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Red, cadmium, lithopone, Orange, bbls., 100-lb lots, works, lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.50 - —
dms., 500-lb. lots.....lb. 4.35 - —
100-lb. lots .....lb. 4.45 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .22
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.41 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works .....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lo. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.88 - 2.97

Red dyes are listed under Dyes.

Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 2.66 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .15 - .16
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb, root, cs.....lb. .48 - .50
powd., bbls., kgs.....lb. .52 - .55
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .20¾- —
smaller lots.....lb. .21¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .19¾- —
smaller lots.....lb. .20¼- —
Rose flowers, pale, bls.....lb. .65 - .70
red, bls.....lb. 2.75 - 3.25
Rose flowers, pale, bls.....lb. .60 - .75
Leaves, bls.....lb. .08 - .09
Rosin, gum, bbls., ex dock, 280 lbs. 5.15 - —
D, bbls.....280 lbs. 5.35 - —
E, bbls.....280 lbs. 6.25 - —
F, bbls.....280 lbs. 6.60 - —
G, bbls.....280 lbs. 6.90 - —
H, bbls.....280 lbs. 6.80 - —
I, bbls.....280 lbs. 6.90 - —
K, bbls.....280 lbs. 6.90 - —
M, bbls.....280 lbs. 6.95 - —
N, bbls.....280 lbs. 7.00 - —
W. G., bbls.....280 lbs. 7.20 - —
W. W., bbls.....280 lbs. 7.50 - —
X, bbls.....280 lbs. 7.50 - —
Rosin, wood bbls.....280 lbs. 4.35 - 6.00
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton. 25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
import, lump, bbls.....lb. .14 Nom.
powd., bbls.....lb. .03½- .16
Rue, bls.....lb. .35 - .38

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .33 - .38
Saffron, Mexican, bls.....lb. .38 - .42
Spanish, tins.....lb. 44.00 -46.00
Sage, Dalmatian, stemless.....lb. .12 - .20
garden, bls. .....lb. No prices
Safrol, cns.....lb. .52 - .56
dms. .....lb. .49 - .50
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.02 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton. 13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton. 15.00 -15.60
vacuum, common, fine, bgs., c.l. dlvd., N.Y...ton. 14.00 - —
l.c.l., dlvd. N.Y.....ton. 15.60 -19.70
Saltcake, grd., dom., bbls., works, ton. 19.00 -25.00
bulk, works .....ton. 15.00 - —
import, bulk, c.i.f.....ton. 15.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo. 115.00 -120.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.* .....lb. .17 - .18
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .18 - .20
Savory, bbls. .....lb. .15 - .16
Saw palmetto berries, bgs.....lb. .07 - .08
Scammony root, bgs.....lb. .07 - .09
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .16½- —
smaller lots .....lb. .16⅝- —
kegs, 5,000 lbs., 1 shipm't..lb. .16⅝- —
smaller lots .....lb. .17⅛- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .62 - .63
Senna leaves, Alexandria, bls..lb. No prices
siftings, bls.....lb. .12 - .13
Tinnevelly, No. 1, bls.....lb. .12 - .14
2 bls.....lb. .10 - .12
3 bls.....lb. .08½- .09
powd., bbls., bxs.....lb. .12 - .13
Pods, bls. .....lb. .10 - .15
Serpentaria root, bls.....lb. .76 - .77
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .24 Nom.
dlvd. Boston .....lb. .24½ Nom.
Chicago .....lb. .24¾ Nom.
Pacific Coast.....lb. .27 Nom.
refd., bbls., f.o.b., N.Y....lb. .30 Nom.
dlvd. Boston.....lb. .30½ Nom.
Chicago .....lb. .30¾ Nom.
Pacific Coast.....lb. .33 Nom.
Garnet, bgs.....lb. .16 Nom.
Orange, D.C., VSO., Diamond I, cases..lb. .25 Nom.
Superfine, bgs., f.o.b. Bost., N. Y..lb. .17 Nom.
dlvd. Chicago.....lb. .17½ Nom.
Pacific Coast.....lb. .20 Nom.
T.N., bgs., f.o.b. Bost., N. Y., lb. .16 Nom.
dlvd., Chicago.....lb. .16½ Nom.
Pacific Coast.....lb. .19 Nom.
Varnish, orange, 5-lb. cut., bbls. gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....gal. 1.05 - 1.10
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton. 17.00 - —
l.c.l., 2½ tons, works.ton. 19.00 - —
smaller lots, works.ton. 20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton. 19.00 - —
l.c.l., 2½ tons, works.ton. 19.50 - —
smaller lots, works.ton. 21.00 - —
400 mesh, bgs., c.l., works, ton. 35.00 - —
l.c.l., 2½ tons, works.ton. 36.50 - —
smaller lots, works.ton. 38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton. 20.00 - —
l.c.l., 2½ tons, works.ton. 21.50 - —
smaller lots, works.ton. 23.00 - —
90%, 325 mesh bgs., c.l., works..ton. 22.00 - —
bgs., l.c.l., 2½ tons, works, ton. 25.50 - —
smaller lots.....ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton. 11.00 - —
l.c.l., works.....ton. 16.00 - —
Silver, bullion.....oz. .39¼- —
Govt., purchase, dom., metal. oz. .7111- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .29½- —
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .53 - .45
Skatol, bots.....lb. 75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 10.00 -15.00
Sloe berries, bgs.....lb. .19 - .22
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .17 - .18
crushed, bls., bbls.....lb. .22 - .23
cut, bls., bbls.....lb. .28 - .30
powd., bbls.....lb. .20 - .22
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls.....lb. .11½ Nom.
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.12 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
sugar, c.l., works.....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.45 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.06 - —
2 .....100 lbs. 2.25 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.88 - —

Soda ash, light, 58%, bbls., c.l., works..100 lbs. 1.35 - —
bbls., c.l., works....100 lbs. 1.85 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .45 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .49
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., divd. N. Y....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., divd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
kgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works..lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼ .13
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
solution, 66 deg., bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
36 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber drms., 100 lbs.....lb. .32 - —
Cacodylate, bbls., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda salt)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.00
3 .....100 lbs. 3.95 - 5.20
4 .....100 lbs. 4.35 - 5.70
electro process, drms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, drms., c.l., works. 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
3 .....100 lbs. 3.50 - —
3 .....100 lbs. 3.55 - —
electro process, drms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .06¾- —
smaller quantities.....lb. .06¾- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .28½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., drms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 44% gold, bots., works..oz. 15.85 -17.10
Diacetate, 85-86% acidity, bbls., divd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .09¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .09¾- —
Soda fluoride prices at Los Angeles are c.a.s. Phila
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .23
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt., equal'd, 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —

Soda, hyposulphite, pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
drms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
drms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
drms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works..100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.45
drms., wks.....100 lbs. 3.60 - 3.80
less than 500 lbs., bgs., wks. 100 lbs. 3.70 - 3.90
bbls., wks.....100 lbs. 3.90 - 4.15
drms., wks.....100 lbs. 4.20 - 4.40
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots.....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. drms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .55 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment, ton.20.00 - —
200-lb. bgs., same basis.ton.26.50 -
bulk, same basis.....ton.27 00 -

Soda, nitrate, rfd., gran., bbls., 10 tons..100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.55 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - -
smaller lots.....100 lbs. 5.90 - -
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized..lb. .06½- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¾- .11¾
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¾- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.55 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.75 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works... ..100 lbs. 8.20 -
tribasic, bgs., c.l., works..lb. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., drms., works.lb. .11¼- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10¼- —
contracts .....lb. .09 - -

Soda Ash—Soda Sulphate

Soda prussiate, yellow, bbls., smaller lots.....lb. 10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.85 - 6.05
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.95 - 6.00
Ricinoleate, tech., bbls.....lb. .13 - —
Sal, bgs., divd., N. Y...100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., divd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, divd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.35 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¼ Nom.
import, bbls. .....lb. .05¼ Nom.
Stannate, dms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).

Stauffer CHEMICALS

STAUFFER CHEMICALS

A DEPENDABLE SOURCE OF SUPPLY

CAUSTIC SODA

Stauffer Caustic Soda can be supplied in liquid form in tank cars, and in flake or solid form in drums of 50-100-400 and 700 pounds.

Continuous production on a large scale enables Stauffer to guarantee uniform quality and immediate shipment of fresh stocks from strategically located shipping points.

OTHER STAUFFER PRODUCTS

BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE : SILICON TETRACHLORIDE : CREAM OF TARTAR : SULPHURIC ACID : SULPHUR : TARTARIC ACID WHITING : LIQUID CHLORINE : CARBON BISULPHIDE : NITRATE OF POTASH

STAUFFER CHEMICAL COMPANY

624 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N.Y. • Freeport, Texas • 507 Flower St., Los Angeles, Cal. • Carbide and Carbon Bldg., Chicago, Ill. • 424 Ohio Bldg., Akron, Ohio • Apopka, Florida

SEP 1939 XUM

Soda Sulphide—Whiting

Soda, sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.85
bbls. ....100 lbs. 2.50 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld., gal. .26 - —
W. Coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½ - —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .11½ - —
l.c.l., works .....lb. .12 - —
Spartеine sulphate, cns.....oz. 1.00 Nom.
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01⅝- —
tanks, works .....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01⅞- —
tanks, works .....lb. .01⅜- —
Squawvine leaves, bls.....lb. .12 - .13
Squill, red, bls.....lb. .20 - .21
white, bls.....lb. .10 - .12
powd., bbls., bxs.....lb. .17 - .20
St. Ignatius beans, bgs.....lb. .44 - .45
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .08½- .09
Starch, com., pearl, bgs., f.o.b., Chicago..100 lbs. 2.75 - —
dlvd., N. Y.....100 lbs. 3.10 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 2.85 - —
dlvd., N. Y.....100 lbs. 3.20 - —
Potato, dom., bgs.....lb. .06 Nom.
import, bgs.....lb. .06 Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick, boil, bgs.....lb. .05¼ Nom.
Staveacre seed, bgs.....lb. .30 - .31
Stearin, oleo, bbls.....lb. .11½ Nom.
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .17 - .18
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. No prices
Chloride, bbls. .....lb. .15 Nom.
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.95 - 2.00
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
powd., cns., 100-oz. lots...oz. .50 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots, oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia parts, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 2.95
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.25
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.05 - —
bbls., works.....100 lbs. 2.20 - —
l.c.l., bgs., works....100 lbs. 2.20 - 2.60
bbls., works.....100 lbs. 2.55 - 2.95
heavy, bgs., c.l, works.100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
Sulphur, refined, roll, bgs., c.l., 100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99½%, c.l. frt., alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.25 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .06 - —
l.c.l., dms., works....lb. .06 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½ - .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .44
multi-unit cars, works..lb. .07¼ - .10
Iodide, bots., jars.....lb. 3.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.78.00 Nom.
leaf, bls.....ton.82.00 Nom.
Extract, 42°, bbls.....lb. No prices
51°, bbls.....lb. No prices
stainless, bbls.....lb. .07½- .09½
berries, bgs.....lb. .05½- .06
Sunflower seed, Calif., large, bgs., lb. .06½- .07
medium, bgs.....lb. .05½- .06
poultry, bgs.....lb. .04¼- .04½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Baltо. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, c.p.a. bulk, f.o.b. Baltо..unit-ton. .70 - —

T

Tale, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills..ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
N.Y., 96-98%, 325 c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs. c.l. mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. No price
ordinary, bgs., c.l., ex dock, arrival..ton. No price
l.c.l., ex whse.....ton. No price
Italian, 1, bgs., ex dock, arrival. ton.67.00 Nom.
ex whse.....ton.87.00 Nom.
2, bgs., ex dock, arrival.ton.64.00 Nom.
Tallow, animal, edible.....lb. .07½ Nom.
extra, loose.....lb. .06¾ Nom.
special, loose.....lb. .06⅝ Nom.
vegetable, ship, cs.....lb. No prices.
sulphonated, 35% (24% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
50% (43% fat), dms., c.l., lb. No prices
l.c.l. .....lb. No prices
50% (48% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Tamarind, W. I., bbls.....lb. .09½- .10
kegs .....keg. 8.50 - 9.00
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 5.50 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.50 & .10
high-grade feeding, bulk, Chicago, unit-ton. 5.50 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Oct. shipt., unit-ton. 3.75 & .10
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, bgs.....lb. .04½ Nom.
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .50 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .28¾- —
less than 5.....lb. .29 - —
powd., bbls., 5 or more..lb. .28¾- —
less than 5.....lb. .29 - —
USP, powd., bbls.....lb. .34 - .34½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .80
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms. .....lb. .25 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 Nom.
Sodiosalicylate, cns.....lb. 1.85 - —
dms. .....lb. 1.70 - —
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .17 - .23
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.25 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. No prices
Crystals, bbls., kgs.....lb. No prices
Metals, Straits.....lb. .67 Nom.
Oxide, bbls. .....lb. No prices
Tetrachloride, anhyd., bbls.lb. .32 - —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13⅜- —
Pac. Cst., ex whse..lb. .13⅜- —
50-999 lbs., E. frt. pd..lb. .13⅜- —
Titanium, dioxide, bgs., under 50 lbs., E. frt. pd..lb. .16 - —
Pac. Cst., ex whse....lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd. lb. .13⅝- —
Pac. Cst., ex whse....lb. .13⅝- —
50-999 lbs., E. frt. pd..lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd....lb. .16⅝- —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd..lb. .16½- —
Pac. Cst., ex whse..lb. .16½- —
1,000-9,999 lbs., E. frt. pd..lb. .16⅝- —
Pac. Cst., ex whse..lb. .16⅝- —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05⅝- —
Pac. Cst., ex whse....lb. .05⅝- —
under 50 lbs., E. dlvd.lb. .06½- —
Toluidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .48 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .40 - .41
root, bls. .....lb. .42 - .43
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51⅛
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36⅛
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .08 Nom.
Madras, bgs.....lb. .09 Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .33 - —
l.c.l., 10 ex dock.....gal. .35 - —
5 ex dock.....gal. .37 - —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .23 - .25
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .29 - —
l.c.l., dlvd.....gal. .32 - —
tanks, dlvd.....gal. .24 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15⅛
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. ton.121.58 - —
Urea nitrogen, dom., 42% N_2 bulk, Sept. shipt., f.o.b. Belle, W. Va..ton.55.40 - —
imported, 40% N_2 bgs., July-Aug.-Sept. shipt. .....ton.53.20 - —
30% N_2 bgs., July-Aug.-Sept. shipt...ton.40.35 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .20 - .27
Valonia, beards, bgs., shipt..ton.57.00 Nom.
Cups, bgs., shipt.....ton.89.00 Nom.
extract, powdered, 63%.....ton. .05 Nom.
Vanilla beans, Bourbon, tins..lb. 6.50 - 7.00
Mexican, tins.....lb. 6.50 - 7.00
cuts, tins.....lb. 6.00 - 6.25
South American, tins.....lb. 6.00 - 6.25
oleoresin, bots. .....lb.12.00 -18.00 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works....lb. .28 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .37 - .38
tree .....lb. .19 - .22
Wattle bark, bgs., shipt....ton.38.50 Nom.
Extract, solid, bags.....lb. .05½ Nom.
Wax, bayberry, import, bgs...lb. .33 - .35
Bees, white, bleach, slabs, cs., 5 case lots..lb. .37½- —
1 cs., lots.....lb. .38 - —
cakes, 5 cs., lots.....lb. .38½- —
1 cs., lots.....lb. .39 - —
discs, 5 cs., lots.....lb. .39½- —
1 cs., lots.....lb. .40 - —
yellow, crude, Africa, bgs., lots of 10..lb. .24 Nom.
1 bg.....lb. .24½ Nom.
Brazil, bgs., 5-10 ton lots, lb. .28 Nom.
1 ton.....lb. .28½ Nom.
500 lbs.....lb. .29 Nom.
100 lbs.....lb. .29½ Nom.
refd., slabs, cs., lbs.....lb. .30 Nom.
Candelilla, bgs., 1 ton.....lb. .16½- .17
jobbing lots.....lb. .17 - .17½
Carnauba, No. 3 chalky, bgs., bgs., 1 ton..lb. .36 Nom.
5 bgs.....lb. .36½ Nom.
1 bgt.....lb. .37 Nom.
N. C., 2, bgs.....lb. .41 Nom.
N. C., 2, bgs., 1 ton.....lb. .38 Nom.
5 bgs.....lb. .38½ Nom.
1 bg.....lb. .39 Nom.
refined, bgs.....lb. .38 Nom.
yellow, No. 1 bgs., 1 ton..lb. No prices
5 bgs.....lb. No prices
1 bg.....lb. No prices
No. 2, bgs.....lb. No prices
Ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .09 - —
jobbing lots.....lb. .10 - —
150°-160° m.p., bgs., 1 ton..lb. .10½- —
jobbing lots.....lb. .11½- —
160° m.p., bgs., 1 ton.....lb. .11½- —
jobbing lots.....lb. .12½- —
Japan, cs. .....lb. .17 Nom.
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs.....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., 5-lb. bots..lb. 2.59 - —
dms., 50 lbs. or more....lb. 2.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.65 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
Limestone, gilders, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
gilders, extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 ton, works...ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —

Whiting, limestone, precipitated, bgs., c.l., works..ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .06
rossed, bls.....lb. .07½- .08
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF bbls..gal. .40 - .48
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.23.00 Nom.
80 mesh, bgs., ex dock...ton.25.50 Nom.
100 mesh, bgs., ex dock...ton.28.50 Nom.
120 mesh, bgs., ex dock...ton.31.00 Nom.
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
dms., W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - .
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .23 - —
8°, dms., works.....gal. .27 - —
tanks, E. of Omaha, frt., alld., gal. .22 - —
10°, dms., works.....gal. .24 - —
tanks, E. of Omaha, frt. alld., gal. .29 -
Xylidin, mixed, dms.....lb. .35 - .50

Y

Yara yara, cryst., cns.....lb. 1.35 - 1.60
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis..lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.87 -
primrose shade, bbls., same basis, chrome..lb. 1.78 - -
Mercury oxide (see M)
Ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02½- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .03 -
D, bbls., works.....lb. .0195 -
E, bbls., works.....lb. .01775 -
F, bbls., works.....lb. .01½ -
G, bbls., works.....lb. .01½ -
W bbls works .....lb. .01¾ -
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .02½- -
Philadelphia for import..lb. .02½- —
ex dock, San Pedro, San Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02675- -
New York .....lb. .02½ -
ex-dock Phila., for import..lb. .02¾ -
Portland, Seattle...lb. .03½- —
San Pedro, S. Francisco..lb. .03 -
ex whse., Balto., Boston, N. Orleans .lb. .02750- -
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis .....lb. .03½- —
New York.....lb. .02½- —
Pittsburgh .....lb. .03¼- -
Portland, Seattle.....lb. .03½- -
San Pedro, S. Francisco..lb. .03¼- -
f.o.b. N. Y., from dock, lb. .02½- —
from whse. .....lb. .02½ —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- -
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 -
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .09½- .10
Yohimbine hydrochloride, via..oz. 4.00 - 4.25

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags .....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms.. works.100 lbs. 5.75 - —

Zinc, chloride, USP, 200-lb. dms. lb. .25 - —
25-lb. jars.....lb. .31 - -
solution, 50%, dms., c.l. works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., bbls., dlvd.....lb. .08¾- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06½- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07½
ex whse., Pac. cst., lb. .06½- .07½
bbls., c.l., dlvd....lb. .06½- .07½
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse Pac cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse. Pac cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
bbls., l.c.l., dlvd., except Pac.cst..lb. .06½- —
ex whse., Pac. cst. lb. .06¼- -

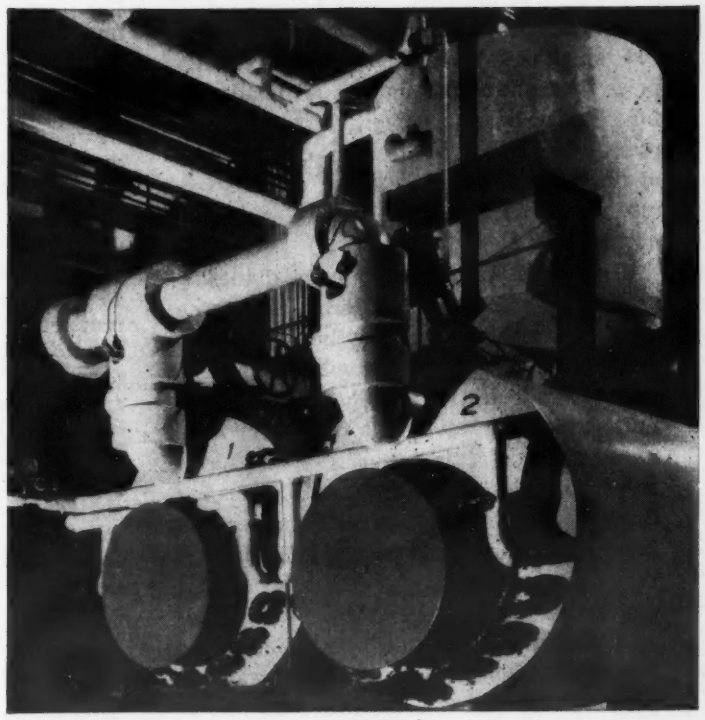
Zinc, oxide, pigment, dom., Amer., process, c o n d., leaded, 50%, bgs., c.l., dlvd., except Pac. cst.....lb. .0606- —
Pac. cst.....lb. .0612- -
l.c.l., dlvd., except Pac. cst..lb. .0631- —
bgs., ex whse., Pac. cst..lb. .0631- —
bbls., c.l., dlvd...lb. .0631- —
l.c.l., dlvd., except Pac. cst..lb. .0656- —
ex whse., Pac. cst.lb. .0656- —
French process, com'l, leac. free, bgs., c.l., dlvd.lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst..lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst..lb. .08¾- —
bbls., c.l. .....lb. .08¾- —

Whiting—Zinc Sulphocarbolate

l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - -
Zinc, oxide, import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
Oxide, imp., white, seal, cks., ex whse..lb. .11 - .12½
USP, bbls., c.l..... lb. .09½
Palmitate, bbls.....lb. .24½- .26½
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd... .....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .21½- —
l.c.l., 1 ton.....lb. .22½- —
1,000-2,000 lbs.....lb. .23½- —
less than 1,000 lbs...lb. .24½- —
U.S.P., bbls.....lb. .22½- .24½
Sulphate, cryst., bgs., c.l..... 100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l.....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
flake, bgs., c.l.....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, pigment, barium, calcium, or magnesium base, bgs., c.l. (20 tons), dlvd..lb. .07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .07¾- —
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd....lb. .07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08 - —
Sulphocarbolate, NF, bbls...lb. .24 -

—Continued on page 37

REICHHOLD
SYNTHETIC RESINS



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No Place for Profiteering

In the opportunities to increase sales to Latin American countries presented by the removal of other sellers from those markets by wartime conditions, American business should look beyond today. It should accept its emergent advantages in the spirit of beneficent monopoly and price its goods at fair figures. The advantages may be short-lived, but the new markets can be held when competition again becomes normal if they are treated meanwhile as something to be developed, not despoiled.

Unjustified price-boosting in domestic markets has brought the derogatory comment that businessmen may be counted on to exact exorbitant profits whenever they can. Sound, lasting business cannot be built by taking advantage of buyers' dire necessities. Lasting business in Latin America is desirable for United States industry; so desirable that there never has been any valid reason for the attitude that this business was not worth the peculiar conditions which it presented. Long credits, "funny ideas," "Can't be relied on to stick to a house"—these were but excuses for lack of success attributable almost wholly to reluctance to understand or to accept differences in ingrained customs.

Businessmen in other countries have made money selling in Latin American markets. They returned to those markets, again to make money, after they had been kept away by wartime conditions a quarter-century ago — and they returned to make money in the United States also. In both instances, the fact that buyers did not forget how they had "paid through the nose" in their years of need was distinctly of advantage to the returning sellers.

Of course, United States industry is at a disadvantage in foreign markets in competition with industries of countries with a less costly (lower, if you will) standard of living. This disadvantage is greatest in countries where the standard of living is less costly (or lower) than that in the United States. But, some United States industries have long had a substantial, profitable business in Latin America—and these are not low-wage industries. So, there must be something more than mere cheapness that appeals to Latin American buyers, many of whom, it should be understood, live at standards which are not low by any comparison.

—O-P-D—

The Job of Medical Care

Instead of listening only to prejudiced pleaders declaim about regimentation and denial of freedom of choice, the various organizations of the drug industry, in their imperatively necessary consideration of the movement for politicalized medicine, should look to the causes of that movement, and listen also to advice of a constructive nature. The drug industry must do something about the movement for politicalized medicine. Not enough will be done, not the right thing will be done by merely opposing the movement. The industry—all divisions of it—must go to the causes and find a satisfactory remedy for those which are patent faults.

The war in Europe is a threat to the United States and to all its industries. But, these industries all have problems now at home. And the drug industry has a big problem in the spreading dissatisfaction with the inadequacy of the medical care of the public. The fact of this inadequacy must be faced. And it must be met with a better adjustment of medical care to public needs. This need not come as politicalized medicine or as compulsory health insurance, both of which are highly undesirable; but it will come in that guise if it is not effected by the medical profession and the drug industry through enlightened cooperation along constructive lines.

Argument against argument never leads to the right solution of any problem. It matters little whether there is a surplus of unoccupied hospital beds, as some argue, or an insufficiency, as is argued to the contrary. It cannot be denied that there are hundreds of thousands of sick persons who need hospital care and cannot afford it. The task of the medical profession and of the drug industry, as much in their role of groups of forward-looking citizens as in that of capable agencies, is to establish adequate medical care for all who need it—and not to measure this need by the extent to which it can be demonstrated to any prejudiced party.

Compulsory health insurance is as repugnant to a free people as would be a mandate that each must buy so many hats or pairs of shoes every year. The desirable plan is one that will enable the needy to buy adequate medical care when they want to buy it. Medicine is like agriculture and manufacturing in that it has made remarkable strides in production but has not provided a means of commensurately distributing the results of its achievements.

Government already, in research and in distribution through boards of health, is doing too much of the job that belongs to medicine and the drug industry. It is inevitable, in the light of present-day trends in governmental thought and theory, that it will take over a larger and larger share —if the opportunity for its doing so is not removed by the elimination of all excusing necessity. Obstructionistic tactics will not do that; the effective means must be constructive, and first must come recognition and performance of their responsibilities by the medical profession and the drug industry.

—O-P-D—

Are Mergers Illegal

For several years the Federal Trade Commission has been contending that the acquisition by a corporation of the capital stock of a competitor is in restraint of trade and destructive of competition. Painting such action in these terms, the commission annually in its reports has sought of Congress an amendment to the antitrust laws which would prohibit mergers or acquisitions of the sort which it condemns.

Congress has not yet added this definite stricture to the laws designed to maintain freedom and fairness of competition; although it did bestow upon the commission new and broad general powers in the Wheeler-Lea amendment. That extension of the act empowering the commission, while best known for the control over advertising which it sets up, also gives the commission authority to prosecute and restrain the performance of various acts deemed inimical to the public welfare, especially through deception, even though these do not involve offenses against competition.

Although it did not get the direct authorization for which it repeatedly has prayed, the commission apparently has found an interpretation of section 7 of the Clayton act by means of which it hopes to put an end to acquisitions of the capital stock of competitors. It has issued a complaint charging that an electric storage battery concern has potentially effected a substantial lessening of competition in acquiring all the outstanding capital stock of another concern in the same business. Section 7 of the Clayton act does prohibit such acquisitions, but the efforts of the commission in the past have not made complaints on this basis stick. That is why it is probable that it has found a new line of argument.

There can be no doubt that, when two competing corporations are merged, they are no longer competitors, and competition has been reduced to that extent. It would seem that the illegality of this lessening of competition rests on a variety of points. For example, is there substantial lessening when, as in the storage battery transaction, the acquiring concern does a business of $24,000,000 a year, while the acquired concern did only $2,000,000 worth? There are doubtful points also in such matters as whether the acquired concern was very glad to be acquired—and not because the competition of the acquirer had been in any manner unfair.

Mergers may deprive the public of some benefits of competition when they aggravate gouging practices in price. That is not a fault of the merger; but, unfortunately from various angles, there is no direct antigouging provision in the antitrust laws. Mergers can and often do deprive the public of the excessive cost of unnecessary competition. The effect on the public, not the transaction itself, nor the reducing of competition, should be the criterion of illegality. But, that sort of a law would be hard to pass.

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Heavy Chemicals

Heavy Buying Depletes Stocks of Many Domestic Chemicals —Imported Materials and Metal Salts Provide Changes —Sulphuric Acid Firm—Fluorspar Higher

A brisk buying movement continued to prevail in the market for heavy chemicals last week. Most of the demand represented increased consumers requirements because of accelerated operating schedules and a desire to replenish low inventories. The unusual domestic buying brought about depletion of stocks in hands of processors, and many items were nearly sold up for the remainder of the year on current production. Bookings were made as far ahead as December since customers wanted to be assured of shipments. Many companies have hired additional help at warehouses and plants to facilitate increased operations and shipments. Price changes included higher quotations for antimony metal, barium chlorate and nitrate, copper carbonate, chloride and nitrate, fluorspar, potash metabisulphite, imported soda silicofluoride. Straits tin and anhydrous tetrachloride of tin were lower.

The cessation or limitation of imported materials brought about higher delivered prices for some domestic items where freight rates were formerly equalized at seaboard point. A broadening in domestic production was underway in some items that previously suffered competition from foreign material. Export inquiries remained active, but domestic demands were still given first consideration, and the shipments made abroad were on an f.a.s. basis.

Sulphuric acid was in a much firmer position than for some time. Most business was booked on contracts for the final quarter at the same basis. However, demand has been very active and little new business was accepted. Quotations in the Baltimore market were withdrawn, and manufacturers decline to name a price because of higher freight rates among other factors.

Alumina Sulphate.—A brisk buying movement was underway in the market for the commercial and iron-free material last week. Quotations were unchanged, but the tone of the market was much firmer. Exports from Sweden rose from 5,131 metric tons in the first six months of 1938 to 7,734 in the first six months of 1939.

Ammonia, Aqua.—Shipments were moving against contracts at a steady pace. Inquiry for export continued good. Pricewise a steady to firm tone prevailed.

Ammonia Carbonate.—Domestic and import quotations were unaltered. Usual consumers entered the market for fair size quantities during the past week. Quotations ruled firm.

Ammoniac, Sal.—A broader buying interest was still underway in the domestic material, many consumers were replenishing inventories. No quotations were available for imported material in the absence of any shipments from abroad.

Antimony.—Domestic spot price remained at the 13c. per pound level established September 15 and announced in the late market section. Demand continued steady, but offers were rather limited. Quotations for needle and oxide of antimony were strictly nominal, with supplies rather limited, and not adequate to supply the demand.

Arsenic.—No quotations were available for the metal. The same situation prevailed in the red material, with spot stocks exhausted. Prices for white arsenic were firm, but unaltered last week. Sellers report a good buying movement from many quarters.

Barium Salts.—The market was nominal for the nitrate, chlorate and hydrate. Limited stocks of nitrate were offered at 10½c. per pound, while chlorate sold in small quantities at 19c. per pound. Firm conditions prevailed in the market for the carbonate, chloride, dioxide, fluoride, fluosilicate, oxide and sulphate, but quotations held the same.

Bleaching Powder.—Shipments to various consuming channels was brisk, and apparently represented a desire to build up depleted inventories. The position of the market was very firm.

Blue Vitriol.—Demand was active again in this direction. Sellers were still reserved in accepting all business in the domestic and export market. The recent heavy buying has brought stocks to comparatively low levels. Prices ruled unchanged and firm.

Calcium Acetate.—Spot price was advanced 10c. per 100 pounds to the $1.75 level. The change was recorded in the late market section September 15th. It represented the first price movement in some time.

Calcium Chloride. — No particular activity developed in the market last week. Dealers and distributors were expected to place orders soon for the coming winter season, and active preparations were underway for this purpose. Prices were without change. Exports from Germany fell from 37,527 metric tons in 1937 to 29,353 tons in 1938. Shipments during the first five months of 1939 totaled 3,067 tons, against 3,309 tons during the corresponding period of 1938.

Carbon Tetrachloride.—An active interest was still underway in the market last week. Many consumers were placing commitments on a broader scale than for some time. No change was disclosed in the prices.

Chlorine.—Consumers were entering the market for substantial quantities. However, sellers were showing caution in accepting all business at this time, and endeavoring to supply needs of all regular contract customers. Inquiry for export was excellent, but actual shipments were not regarded as large. The market remained in a firm position.

Cobalt Salts.—A firm price tone prevailed in all cobalt derivatives. Limited quantities were available at unchanged levels. No German material entered the market, and most of the available stocks represented Belgium grades.

Copper.—After the heavy buying of the past several weeks, there was not a great deal of activity in the domestic copper market. Sellers continue to follow a reserved policy at this time, with most production sold up for the remainder of the year. Price remained at the 12c. per pound level. Not much business was consummated in the export market, price ranged between 11½c. to 12c. per pound, f.a.s. basis. Russia was reported buying duty free copper early in the week.

Copper Salts.—Quotations continue nominal or no prices were available in the market for various copper derivatives last week. Very little spot stocks were on the market, and sellers were sold up for the balance of the year. A few spot orders for carbonate were reported at 16½c. per pound. Quotation for the chloride was nominal at 16c. per pound, while the nitrate was 17c. per pound nominal.

Fluorspar.—A much better buying interest was disclosed for the metallurgical grades and prices were $2 per ton higher for the washed gravel, 85.5 per-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ¾c. per lb.
Barium chlorate, 1c. per lb.
nitrate, 1c. per lb.
Calcium acetate, 10c. per 100 lbs.
Copper carbonate, ½c. per lb.
chloride, 2½c. per lb.
nitrate, 3½c. per lb.
Fluorspar, dom., $2 per ton
imported, $1 per ton
Potash metabisulphite, 4c. per lb.
Soda silicofluoride, imp., ½c. per lb.

Reduced

Tin, Straits, 3c. per lb.
tetrachloride, anhy., 2½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.7	148.7	146.8	148.5

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

cent material, f.o.b. mines. No prices were available for the No. 2 lump grade. Imported sold at $25 per ton, an advance of $1 over the previous price, but the market was nominal.

Lead Acetate.—Sellers were booked pretty far ahead on current production at the levels established a short time ago. Many consumers were attempting to enlarge inventories at current prices.

Lead Nitrate.—Buying interest was quite substantial. Large orders reached the market from time to time, and sellers were not able to supply immediate delivery under present conditions. Prices ruled firm.

Manganese Salts.—In most derivatives, sellers were not quoting in the spot market at current levels, but endeavoring to fill only normal contract withdrawals for the remainder of the year. Higher prices were looked for in such items as the dioxide and sulphate. Stocks were not large, and future replacement costs were expected to increase.

Nickel Salts.—Spot and contract shipments were moving at a good pace. Many consumers were attempting to order for forward requirements. No change occurred in the prices, but the tone of the market was firm.

Potash Carbonate.—The exceptional rush to cover in the past few weeks depleted available stocks of material to such an extent that sellers were cautious in supplying all requirements. Quotations were unaltered, but the position of the market was very firm.

Potash, Caustic.—While shipments were moving to consuming channels at a fast pace, new business and unusually large withdrawals against contracts were being restricted to permit producers to supply regular requirements. Quotations were firm.

Potash Chlorate.—Nominal conditions were still evident in the market. Stocks of material were rather limited, and consumers had to be content with rationed quantities for the time being until further shipments could be arranged from abroad.

Potash Metabisulphite.—Some business was transacted at 15c. per pound, but the market was strictly nominal. Spot stocks were negligible, and future replacement costs still uncertain.

Potash Permanganate.—Quotations were unaltered and firm last week. Sellers were not able to cope with all the orders reaching the market. Future trend of prices will depend largely on raw material costs during the next few months.

Saltpeter.—Business continued on a broad front during the past week. Sellers continued to supply regular customers, but limited amount of new business and export inquiries until the market becomes more settled. Prices held firm.

Soda Acetate.—A good buying movement prevailed in the market. While quotations were maintained at the same levels, a much firmer price tone was evident.

Soda Antimoniate.—The market was nominal. Little or no spot business was transacted, with most sellers supplying needs of contract consumers.

Soda Ash.—Orders were placed on an active scale last week. Sellers were using discretion in accepting all business to limit speculative buying. Export inquiry was good, but shipments were not unusually large. Quotations ruled firm.

Soda Bicarbonate.—Shipments were moving at a steady pace during the past week. Sellers were adhering to quotations in force previously, but the tone of the market was one of firmness.

Soda Caustic.—Buying was quite steady in this direction. The increased interest partly reflected increased needs of consumers, and desire to replenish inventories. Stocks were not large, and sellers were pretty well booked ahead on current production. Export inquiry remained active. Prices were firm.

Soda Cyanide.—Many consumers stocked up heavily during the past few weeks, and some letdown was experienced last week. Despite the unusual demand and lack of stocks in the hands of producers, quotations were maintained at the same levels.

Soda Phosphate.—Quotations were unchanged and firm in the market last week. Shipments were moving at a good pace in practically all directions. A good export inquiry prevailed, but in most instances domestic business was given first consideration.

Soda Silicate.—Shipments were moving against contracts on a broader level. Sellers usually restricted shipments to normal requirements to take care of all consumer needs. Prices were firm.

Soda Silicofluoride.—The market was nominal for domestic and imported material. Some foreign material was sold at 5¼c. per pound, but this was nominal. Domestic sellers were supplying regular consumers at current levels, but new business was on a nominal basis.

Soda Sulphate.—A better buying interest was underway in most directions, reflecting the anxiety of many consumers to have sufficient supplies for future needs. The cessation of imports from Germany has broadened the market in this country. One company with a plant in Texas stepped up daily output from the current basis of 60 tons daily to 95 tons daily.

Sulphur, Refined.—Prices for various grades of material were unaltered, but the position of the market was firm. Sellers report active buying by practically all consuming industries, but were endeavoring to limit transactions to normal proportions in most instances.

Tin Salts.—Anhydrous tetrachloride of tin declined 2½c. per pound to the 32c. per pound basis. No quotations were available for tin crystals, oxide of tin and anhydrous stannous chloride of tin. Straits metal was quoted nominal at 67c. per pound.

Zinc Chloride.—No change was disclosed in the quotations. However, shipments were confined to normal contract requirements. Sellers were not interested in accepting new business or export inquiries until regular consumer needs were fully met.

Acids

A firmer price tone prevailed in the market for mineral acids last week. While contract prices for most acids will be carried into the final quarter at the same levels, prospects of higher quotations because of increased production costs prompted many consumers to exert a broader buying interest. Aside from this, normal needs will be expanded in view of the increased operating schedules in many consuming industries. Sulphuric seemed to be in a firmer position than for some time, and withdrawals were on a much broader scale. Acetic likewise was steadier. A new domestic schedule was issued for various grades of naphthenic, with imported quotations withdrawn temporarily. Quotations for gallic, pyrogallic and tannic were nominal.

Acetic.—A firmer price tone was evident in the market, but quotations were maintained at previous levels. Spot and contract shipments were steady, and business was displaying some broadening.

Chromic.—The call came chiefly from the plating trade, but miscellaneous consumers provided a satisfactory demand also. No change occurred in the quotations.

Formic. — The textile and leather trade were representative buyers throughout the past week. Pricewise a steady to firm tone prevailed.

Gallic.—Quotations for the technical grade were nominal. It was difficult to determine replacement costs in view of the unsettlement abroad, and sellers were not able to set any definite price schedule at this time.

Muriatic.—A broader domestic and export interest was evident again last week, and shipments were moving in comparatively good volume. Quotations were without change.

Naphthenic.—A new schedule covering various grades of domestic material was available. Quotations follow:—Acidity, 160, car lots, drums, 7½c. per pound; 200-220, car lot, drums, 9½c. per pound and 240, car lot, drums, 10c. per pound. Quotations for less car lots were uniformly ½c. per pound higher and tanks ½c. per pound less. Quotations for imported material were withdrawn temporarily until conditions abroad are sufficiently settled to ascertain replacement costs.

Nitric.—A brisk demand was noted from various consuming channels throughout the past week. Pricewise no new developments were reported, and the tone of the market was firmer.

Sulphuric.—An improvement in demand from basic consuming industries was still underway in the market last week. Stocks of material were not believed to be large, and sellers were usually supplying contract consumers normal requirements. Little spot or new business was transacted. Steel op-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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erations reached the highest level in more than two years, and prospects pointed to even higher output over the balance of the year. A stiffening in prices in other markets, particularly Baltimore, coupled with prospects of higher raw material and shipping costs gave the market a much firmer price tone. However, contract prices will remain unchanged for the remainder of the year.

Tannic.—Quotations for the technical grade were nominal. Sellers could not adhere to any specific schedule at this time in view of the inability to determine replacement costs.

Baltimore, Sept. 20.—Reports in circulation have it that producers of sulphuric acid are being kept very busy, with the demand brisk and with prices evidently moving upward. It is still a case of the factories disposed to hold off with acceptance of business in the belief that the market will score further advances, declining to name definite quotations, but trusting rather to the pressure of needs to make the users of acid raise their quotations. For the present it appears to be a case of holding off with definite figures and letting the potential buyers say what they are willing to pay. As far as information goes, there is no set level, with producers taking what they can get and with expectations generally entertained that the market will work higher. What were formerly nominal quotations have been withdrawn, and terms are dictated by circumstances. A similar state of affairs prevails with regard to oleum, higher costs of materials, advanced pay and other factors working to cause fluctuations.

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Insecticides

Business in the market for agricultural insecticides and fungicides was quiet last week. Seasonal conditions limited withdrawals of material in the domestic market. Most of the activity was confined to the export market, where good shipments were reported moving to Central and South American countries. Prices were generally firm, and the only change was a slight adjustment in less car-lot dealers' prices for lead arsenate.

The weather was mostly favorable in the eastern cotton belt, but the heat and drought were detrimental in the western part, according to the government weekly report. In Texas cotton made only poor progress except in scattered localities, with much blooming at the top, premature opening and shedding in west-central and some north-central areas. Condition is fair to good in the northeast, but mostly fair to poor elsewhere. Because of the recent discovery of an infestation of the pink bollworm in okra, the Federal quarantine regulation relating to the pink bollworm of cotton have been amended to require the certification of okra when moved interstate from the regulated areas in Texas, Arizona and New Mexico, the U. S. Department of Agriculture announced.

Calcium Arsenate.—Quotations were without alteration. Dealings were not very broad in this direction throughout the past week.

Lead Arsenate.—Seasonal conditions restricted movement of material in most sections last week. A firmer tone was evident as far as prices were concerned. Quotations in car lots, dealers, ranged from 10c. to 11c. per pound; less car lots were now 10½c. to 11½c. per pound.

Nicotine Sulphate.—Quiet conditions prevailed in this direction during the week just ended. Prices were in conformity with those established some time previously.

Alexander Golf Champion Of Chemical Salesmen

Charles Alexander, of Seldner & Enequist, captured his second leg on the golf cup of the Salesmen's Association of the American Chemical Industry at the final tournament of the season, held at the Pomonok Country Club, Pomonok, L. I., September 19. Eighty-nine members and guests participated in the tournament, with the total swelling to 105 for dinner.

Joseph Wafer

Previous to the awarding of golf prizes, Joseph Wafer, of the Industrial Chemical Sales division of the West Virginia Pulp & Paper Company, president of the association, announced that a meeting of the nominating committee, to pick a slate of officers for 1940, would be held in the Chemists' Club, this city, in early October.

Philip J. LoBue, chairman of the entertainment committee, awarded prizes to the following:—

Low gross for members, Charles Alexander.

Class A low net, A. W. Buehler, of the Barrett Company; second, Wayne Haley, of Columbia Alkali Company.

Class B low net, A. J. Higgins, of Seldner & Enequist; R. E. Dorland, of the Dow Chemical Company.

Guests' low net, Dr. McDonough, of Inecto, Inc.

Four tournament kickers, first, Victor Williams, of the Monsanto Chemical Company; second, Walter Merrill, of Joseph Turner & Co.

Member kickers, first, R. J. Quinn, of the Mathieson Alkali Company; second, Leon Miller, of the Barrett Company.

Guest kickers, E. Vanderwolk, of the White Tar Company.

Longest drive on twelfth, Frank Fanning, of the Maelstrom Company; on seventeenth, C. D. Smith, jr., of Carroll, Dunham, Smith Pharmacal Company.

Low putts, J. Remensynder, of the Heyden Chemical Company; second, R. Lowe.

Door prize non-golfers, H. R. Prior, of the Prior Chemical Corporation.

Heyden Chemical Corporation, 50 Union Square, New York, is distributing its September wholesale price list.

Monsanto to Maintain Present Selling Prices

Monsanto Chemical Company, St. Louis, has informed its customers by letter that with few exceptions its present selling prices yield a fair profit and it will not increase selling prices of its products even though there may be an opportunity to do so, unless there are sound reasons for such action, and that a review of the more important raw materials does not indicate any reason for a precipitous rise in their cost.

The statement also expressed the belief that there is ample installed capacity for all the products Monsanto manufactures to supply any normal domestic demands and a substantial share of export markets. The letter follows:—

We have recently experienced an unusual demand for some of our products. This might reflect an anticipation of possible shortages or greatly increased prices.

It is our believe that there exists ample installed capacity for all the products we manufacture to supply any normal domestic demands and a substantial share of export markets.

With some exceptions, of which our customers must be cognizant, our selling prices yield a fair profit. It will be our policy not to increase such selling prices even though there may be opportunity to do so, unless there are sound reasons for such action.

We have carefully reviewed our raw materials and in the cost of most of the important ones we cannot now see any reason for a precipitous rise in their cost.

In the unforeseen event of demands beyond our capacities, it will be our policy to provide first for our present customers regardless of other inducements that may be offered.

American Can Appoints Walsh Baltimore Manager

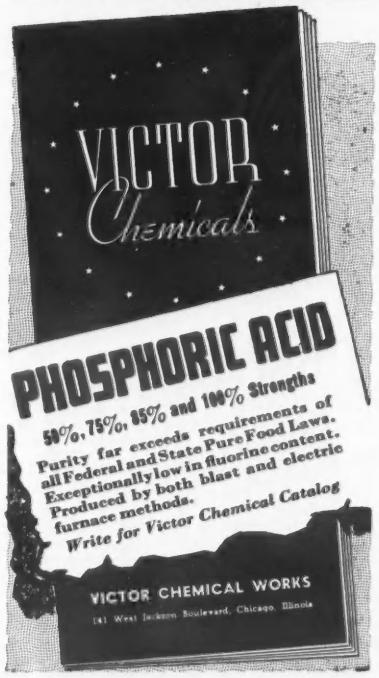
E. K. Walsh, formerly assistant New York metropolitan sales manager for the American Can Company, has been transferred to Baltimore, to take over the duties formerly handled by C. L. Lovell, as local sales manager, who has been transferred to the company's New York headquarters where he will devote his time to specialized sales work. Mr. Walsh was born in Chevy Chase, Md., graduated from Dartmouth College in 1929. He has been with American Can for ten years, associated in sales work after two years of training in manufacturing work.

H. B. duPont Elected Vice-President of Company

H. B. duPont, assistant to the president of E. I. duPont de Nemours & Co., Wilmington, has been elected a vice-president and a member of the executive committee of the company. The membership of the committee was increased from nine to ten.

'Diamond Alkali' Christened

In ceremonies in Manitowac, Wis., the Boland & Cornelius steamer Frank H. Goodyear was rechristened the Diamond Alkali. The ship carried her first cargo to the Diamond Alkali plant in Fairport, O. Passengers on the ship were Mr. and Mrs. Adam E. Cornelius, Sr., of Buffalo, and John Richards, president of Diamond Alkali.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PARRAFIN WAX (Yellow and White Crude Scale)

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QUOTATIONS: Will be submitted, if and when possible, upon receipt of specific inquiries.

TERMS: We are prepared to pay spot cash for all purchases and will expect similar payment on all sales to firms without established rating.

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Coaltar Chemicals

Buying Remains Heavy With Some Items Nearly Sold Up for Year —No Prices Available for Imported Cresylic and Naphthalene —Coaltar Color Quotations Extended Into Final Quarter

A much firmer price tone was evident in the market for coaltar chemicals last week. Buying of practically all domestic products continued heavy, and sellers were swamped with orders. In many items sellers were booked ahead for the balance of the year on current production, and were exercising caution in accepting new business and export inquiries. The prospects of broader operating schedules in many consuming lines, combined with the desirability of adding to depleted inventories were the chief motivating factors. No prices were forthcoming for imported cresylic acid and crude naphthalene.

Steel operations continued to score gains, with output reaching the 79.3 percent of capacity, the highest level since September, 1937. Prospects were for increased output over the next several weeks. The acceleration in steel operations augured well for expansion in by-product coking output and the eventual increase in light and tar oil recovery. Coaltar solvents were in a firm position, with toluol standing out as the firm spot. Domestic cresylic acid was in excellent demand, with little spot material available. Most sellers were endeavoring to supply needs of regular contract consumers. Replacement costs for imported acid were expected to be considerably higher. A broader inquiry was reported in the market for domestic naphthalene. Importers were having little success in obtaining supplies from Europe, with prices higher and on an f.a.s. basis when such shipments could be arranged. Phenol was active, with a better export inquiry evident, although actual business so far has not been especially large.

The extension of contract prices for various coaltar colors into the final quarter, moderated the heavy demand witnessed earlier in the month. But the future trend of prices would be predicated on raw material costs for the early part of next year. Movement of coaltar acids and intermediates was active, with sellers generally adhering to quotations in force previously.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.2	125.2	1252.	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Shipments moved against contracts at a steady pace. Orders on the books were sufficient to keep production and consumption on an even keel. Although the upturn in steel operations augured well for increased output, sellers were not anticipating any material surplus over the next few months at least. Steel operations were scheduled at 79.3 percent of capacity, compared with 70.2 percent last week and 47.3 percent of capacity in the corresponding week a year ago, according to the American Iron and Steel Institute. This represents the highest operating rate since September 13, 1937. Producers are pressing additional mill facilities into service as rapidly as possible and further gains in operations are indicated. Imports of benzol into Cuba increased over fivefold in 1938 compared with the previous year. In 1937 the United States supplied the total imports of 67,632 kilos. In 1938 this country supplied the preponderant amount of total imports of 403,061 kilos followed by the Netherlands, Italy, France and Germany, according to the American commercial attache at Havana.

Carbazole.—Quotations were unchanged, and the market was firm. Shipments were moving in steady fashion to dyestuff and intermediate manufacturers.

Coaltar.—Consumers entered the market for fair size withdrawals against contracts. Quotations for the crude and refined grades were without alteration.

Creosote Oil.—Major consumers were displaying a broader interest in the market, and shipments moved against contracts in comparatively good volume. Pricewise a firm tone characterized the trading.

Cresol.—Buying was brisk in most grades of material throughout the past week. Prices were in conformity with those established previously. The importation of cresol into Turkey, an important item, continued to increase and consumption in 1938 was estimated at 75 tons as compared with 50 tons in the previous year. The United States and Germany were the principal suppliers, according to the American commercial attache at Istanbul.

Cresylic Acid. — No official change took place in the quotations for domestic acid. However, spot prices were considerably firmer. Sellers continued to supply regular contract customers, but the little spot business accepted was reported at higher levels. Little, if any, imported material was available. Business has been booked for future shipments, subject to restrictions. Replacement costs will be much higher in view of the higher production costs abroad, together with the additional freight and insurance rates. A price of 65c. per gallon, f.a.s. was mentioned for acid in the English market.

Naphthalene.—A firm tone prevailed in the market for the crude and refined in the domestic market last week. A broader inquiry was evident in the market for the crude in the absence of any sizable imports from abroad, but in most cases sellers were taking care of regular consumers. Importers were still experiencing difficulty in obtaining shipments of crude from Europe. Business was on an f.a.s. basis at around $1.95 per 100 pounds.

Phenol. — Business in this direction moved at an active pace. Many large consumers were endeavoring to add to inventories at this time. Prices were unchanged, and a firm tone governed the dealings. A better export inquiry was reported, but so far actual shipments have not been unusually heavy. Sellers anticipate a broader business in the world markets a little later.

Pyridin. — Shipments moved to contract consumers in a routine manner. Sellers were sold up on current output and little or no new business was booked at the present time. Quotations ruled firm.

Tar Acid Oils.—The market continued to experience a better demand from disinfectant manufacturers and other consumers. No change was disclosed in the quotations.

Toluol.—With present output sold for next several weeks, sells concentrated on making deliveries to consumers already booked, while new business on additional orders from consumers was held up pending clarification of future supplies.

Xylol.—Interest in the market remained steady last week. Shipments were moving to the surface costing trade in sufficient quantities to keep the market in a firm position.

Chicago Coaltar Bases

Strong undertone continues to be noted in the current coaltar bases market. Buying is steady and involves considerable quantities. Benzol business is reported reasonably good. Some talk of improved prices is being heard at this time. Xylol inquiry is good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; cresote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—Demand was steady for moderate quantities from regular con-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

suming channels during the past week. Quotations for the refined and technical were unchanged.

Cleve's.—Quotations were unaltered, and the market remained firm. Spot and contract withdrawals were along fair lines.

Fumaric.—A better inquiry was noted in this direction last week. Consumers displayed less hesitation in making replacements. Pricewise a steady to firm tone prevailed.

Gamma.—No new developments entered the market, but buying was moderately active, and quotations were well sustained at previous levels.

Maleic.—A firm price tone characterized trading during the past week. Shipments were moving in satisfactory volume to all major consumers.

Sulpanilic.—Sellers were in receipt of several orders for the technical grade, but in most instances quantities were restricted to moderate proportions.

Other Intermediates

Alphanaphthylamine. — Quotations were in line with those established some time previous. Business was along broader lines in some directions.

Anilin.—A better demand was evident in the market last week. Replacement orders made their appearance on a larger scale than heretofore.

Betanaphthylamine.—A firm price tone prevailed in the market. Shipments were moving at a steady pace against contracts.

Dimethylanilin.—Shipments were better as a rule, with consumers entering the market from time to time for fair size quantities. Prices ruled unchanged.

Dinitrobenzene.—Prices were without change, but a firm tone governed the transactions. Spot and contract business was about routine.

Dinitrophenol.—No new developments of importance were uncovered in the market throughout the past week. Buying was steady.

G. Salt.—Usual consumers made their appearance for necessary requirements last week. Quotations were in conformity with those prevailing for some time.

Metanitroparatoluidin.—Sellers were adhering to quotations in force pre-

—Continued on page 30

Manufacturers Urged To Shun Profiteering

—Continued from page 3

rectly into munitions or war supplies. We don't want a war—we can't afford one. Monsanto has already paid back in taxes to the government three times its excess profits from the first World War, and the bill is not paid yet.

There will be no shortage in the United States of the important chemical and drugs, S. DeWitt Clough, president of the American Drug Manufacturers' Association and head of Abbott Laboratories, Chicago, declared and also points out the possibility of this country acting as a supplier. He said that never again will America be called upon to face such a serious shortage of important chemicals and drugs as in the period of the last World War.

The World War of twenty-five years ago may have sown the seeds of the present conflict, but it also provided the incentive for the chemical independence of the United States, Mr. Clough added.

Benzol Freights Lower

The New York Public Service Commission has approved new commodity freight rates of the New York Central (East) on benzol, in metal cans in boxes, or in bulk in barrels, carload, minimum weight 30,000 pounds, in tankcars, minimum weight subject to Rule 35 of Official Classification, from Buffalo and East Buffalo stations to Niagara Falls 10½c. per hundredweight. Reductions from class rates. Effective November 1, 1939.

Wood Preserving Adds Unit

The Wood Preserving Corporation, a subsidiary of the Kopper Company, has acquired the railroad cross ties and other forest products business of B. Johnson & Son, Richmond, Ind. B. N. Johnson and R. H. Johnson will become associated with the Wood Preserving Corporation.

Leo Nerenberg has been elected a director of the Will & Baumer Company in place of H. H. Will, resigned.

Obituaries

Elmo Pell Helmbold

Elmo Pell Helmbold, identified with the beeswax manufacturing industry in the United States for thirty-one years, died in his home in Pelham Manor, N. Y., September 19. He was seventy-eight years of age. Mr. Helmbold established his own company in 1938, after having been associated with E. A. Bromund Company, this city, for many years.

S. V. V. Huntington

Samuel V. V. Huntington, who retired from the presidency of Edward Smith & Co., paint and varnish manufacturer, this city, some fifteen years ago, died in his home in Middletown, N. J., September 20. He was eighty-seven years of age.

Born in Albany, Mr. Huntington graduated from Hamilton College in 1873. Previous to his retirement from business in 1924, Mr. Huntington served as president of the New York Board of Trade. Subsequently he was elected a life honorary vice-president of the board. He was an honorary life member of the Drug and Chemical Club and also belonged to the University Club of New York. Surviving are his wife and a daughter, Mrs. Frank A. Hayes.

John Howard Helfrich, head of the Helfrich Laboratories, manufacturer of chemical specialties, Chicago, died September 18, in Naperville, Ill. He was forty-eight years of age. He was a former president of the American Perfumers Association. Surviving are his wife, two sons and two daughters.

Mrs. E. C. Thompson, wife of the assistant general manager of the Grasselli chemicals department of E. I. duPont de Nemours & Co., Wilmington, died unexpectedly September 6, in Ishpeming, Mich., where she was visiting. In addition to Mr. Thompson, surviving are a son, a brother and three sisters.

John Tomec, former vice-president of the Sloane-Blabon Corporation, linoleum manufacturer, Trenton, died September 20 after a long illness. He was sixty-five years of age.

George Warren Tower, Jr., geologist and mining engineer, who was on the staff of the Guggenheim Brothers from 1918 to 1937, died in his home in Denver, Col., September 13. He was sixty-seven years of age.

Trade Association Opportunities Stressed

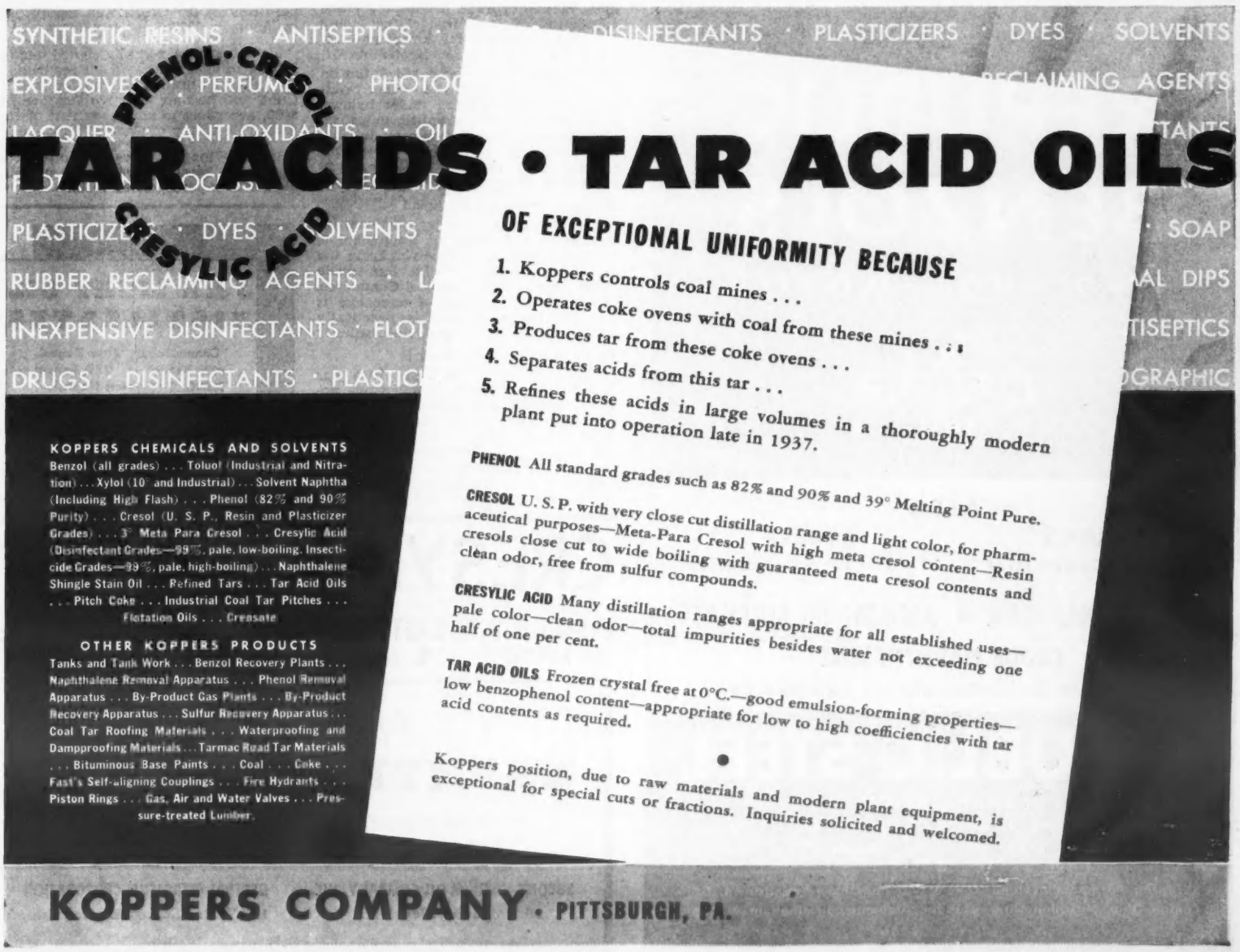
—Continued from page 3

Wage and Hour Law on Employer-Employee Relationships," by V. P. Ahearn, secretary of the National Sand and Gravel Association; "Present Significance of the Antitrust Laws for Trade Associations," by Edwin B. George, of Dun & Bradstreet; "Opportunities for Trade Associations in the Consumer Movement," by Miss Aubyn Chinn, of the Borden Company; "Public Opinion Surveys," by Richardson Wood, of *Fortune;* and a review of national labor relations, by William J. Cronin, of the Automobile Manufacturers Association.

Nominated for membership on the board of directors of the association during the next year were:—Clark Belden, executive secretary of the New England Gas Association; William L. Daley, secretary of the American Publishers Conference; Herman H. Lind, executive vice-president of the American Institute of Bolt, Nut and Rivet Manufacturers; Alfred Reeves, advisory vice-president of the Automobile Manufacturers Association; Dr. Frank E. Rice, executive secretary of the Evaporated Milk Association; and S. J. Swensson, secretary-treasurer of the Aluminum Wares Association.

Robert Musica Pleads Guilty

Robert Musica filed on September 19 a plea of guilty to the Federal mail-fraud indictment arising out of his connection with the activities of his brother, Philip, who committed suicide when his true identity was diclosed. Philip Musica, as F. Donald Coster, was president of McKesson & Robbins, Inc. Arthur and George Musica previously filed guilty pleas.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PHENOL · CRESOL
CRESYLIC ACID
TAR ACIDS • TAR ACID OILS
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SOAP
RUBBER RECLAIMING AGENTS
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Coaltar Chemicals

Other Intermediates

—Continued from page 29

viously. Demand was satisfactory, although commitments were confined to moderate quantities as a rule.

Nitrobenzene.—A firm price tone prevailed in this direction. Shipments against contracts were moving at a fair pace.

Orthonitrotoluene.—Quotations were in conformity with those established previously. A good buying interest was reported in most quarters.

Paratoluidin.—Spot and contract shipments were steady last week. No change was disclosed in the quotations, and the market was firm.

Phthalic, Anhydride. — Shipments were moving to major consuming channels at a satisfactory pace, with the snythetic resin and plastic trade entering the market for replacement orders on a broad scale. Prices were firm.

Thiocarbanilide. — A steady to firm price tone remained in evidence. Usual consumers provided the market with steady amount of orders.

Xylidin, Mixed.—Firmness characterized trading throughout the week just ended. A fairly steady interest was reported for moderate quantities.

Coaltar Colors

Renewal of current contract price schedules for various coaltar colors during the final quarter had a tendency to moderate buying last week. Business was active, but along normal lines in most directions. Sellers were not in a position to ascertain future price trends after this year because of the possibility of increase raw material costs. However, in any event prices were not expected to duplicate the performance of the last war, when inadequate domestic supplies and cessation of imports brought about unusually high prices. Producers were in a position to supply domestic requirements together with many export inquiries reaching this market from other countries. While importations of dyes from Germany were expected to be materially affected, many importers have stocked up with supplies to last for several months. Shipments from other countries such as Switzerland were expected to continue, perhaps on a lesser scale. Exports of coaltar colors, dyes, stains and color lakes from the United States registered an increase of approximately 7 percent during the first six months of 1939 to 5,082,343 pounds, valued at $2,214,803 compared with 4,753,222 pounds, valued at $1,909,652 during the corresponding period of 1938.

Chemical World Trade Rules Further Revised

—Continued from page 3

ous fruits, cocoa beans and cocoa butter; non-ferrous ores and crude and scrap metals, pig iron (including ferro-metallic alloys), scrap iron, copper ashes and copper sulphate; and pharmaceutical products and preparations, serums and vaccines, medical and surgical apparatus and instruments.

Canadian Import Control

James W. Young, director of Bureau of Foreign and Domestic Commerce, Department of Commerce, has made public the following analysis of the authorization by Canadian Order-in-Council for executive control over imports, exports and transactions in foreign exchange reported to Washington by the American Commercial Attache in Ottawa:—

Far-reaching executive control over imports, exports and all transactions in foreign exchange were authorized by Canadian Order-in-Council No. 2716, dated September 15, 1939, and effective from the following day, under which all importations of goods into Canada, and exportations from that country, require an official license, and all transfers of funds, securities, etc., require an exchange permit from the agencies authorized by the Foreign Exchange Control Board. It is understood that, for the present, no restrictions are actually being applied upon the normal flow of trading between Canada and the United States. Applications by firms in Canada desiring to import foreign merchandise are presented to the Collectors of Customs and Excise at the respective ports of entry, and licenses are being granted freely and promptly to regular importers from the United States.

Finland Imports

The importation of all commodities into Finland has been made subject to license, including imports for supplementing bonded warehouse stocks, according to a cablegram received in the Department of Commerce from the American Legation at Helsingfors.

Holland Curbs Exports

The Netherland government has added twenty-one classes of essential commodities to the list of forty-seven classes of goods already subjected to emergency export restriction, according to a report received in the Department of Commerce from the office of the American commercial attache at The Hague. The twenty-one classes of commodities added to the export restriction list are:—

Petroleum and its principal derivatives, distillates and residues; crude phosphates, various sodium salts, bone black, fullers' earth, matches; all wool; bones and various other animal wastes; soaps; yeast; leather and manufactures thereof; lumber and certain other forest products, plywood, mechanical pulp and cellulose; rayon yarns, including cotton mixtures and cut staple fibre; most cotton, woolen, silk, rayon and rubber fabrics (including mixtures); knitted fabrics of all materials; bed and household linen of cotton; outer clothing, underwear; silk bolting gauze; and roller and ball bearings and parts.

Lithuanian Imports

The Lithuanian government has subjected all imports and exports to permit control and provided preferential treatment for imports of certain essential products, according to a cablegram received in the Department of Commerce from the American Legation in Kaunas.

Preferential treatment is to be given imports of petroleum products, coal and coke, metals, industrial and agricultural machinery, cement, glass, salt, chemicals, pharmaceutical products, wool and yarns, raw yarn and thread, sorted rags, fertilizers, tanning materials, rubber, cellulose, and technical oils and fats. Imports of these commodities will be permitted for cash, if otherwise unobtainable, from any country that can deliver, regardless of existing commercial treaties.

Australian Duties Up

The Australian government has announced increases in the import duties on gasoline, benzol, turpentine substitutes, certain types of crude petroleum, lubricating oil, and liquors, according to a cablegram from the American Consulate General, Sydney, September 11.

In addition to the increased duties on the above products, certain other products, formerly admitted under bylaws, when intended for specified industrial purposes, either free of duty or dutiable at 15 percent ad valorem under the general tariff, are now dutiable at 20 percent or 30 percent ad valorem.

Bolivian Exchange Resumed

Foreign exchange transactions in Bolivia were resumed on September 5, according to a cable received from the American Legation at La Paz, made public by the Department of Commerce. However, the granting of exchange is severely restricted, and is practically limited to the purchase of necessities.

Costa Rica Restricts Imports

The government of Costa Rica has taken steps to protect its exchange position, according to a report from the American Legation at San Jose. The first measure adopted to that end was the issuance of orders to all government departments and to all provincial and municipal administrations to reduce expenditures and to make no purchase requiring foreign exchange, except those absolutely necessary. The second measure was designed to reduce imports by restricting severely the allocation of exchange for articles not considered to be essential. A Presidential decree, effective September 6, provided that the exchange becoming available, according to the banks' daily reports to the Export Control Board, should be allocated as follows:—

Nicaraguan Imports

The Nicaraguan Exchange Control Commission will establish a more complete exchange control for imports in the very near future, according to a cable from the American Legation at Managua, made public today by the Department of Commerce. Under the proposed system the commission will require Nicaraguan importers, before placing orders abroad, to deposit cordobas equivalent to the full value of their orders. If the commission approves the allocation of exchange to cover the orders, it will set aside the necessary dollars from the deposits to the credit of the National Bank of Nicaragua at the Bank of the Manhattan Company, in New York. For orders shipped prior to the date on which the new system becomes effective, the commission will authorize the allocation of the necessary exchange.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Chloroform:—The Swiss alcohol compensation tax on imported chloroform has been removed.

Fertilizers:—French revised regulations governing the trade in fertilizers and soil amendments were made effective in French Cameroon, Equatorial Africa, West Africa, Martinique, Madagascar, and Indochina by recent orders published in the official journals of the colonies specified.

Glycerin:—Hongkong has prohibited, except with special government permission, the exportation of glycerin.

Medicinals:—An order of Yugoslavia has removed medicinals from the import control list which was established in January, 1937.

Medicinals:—A recently signed decree setting official prices on all medicinals and pharmaceuticals offered for sale in Cuba will become effective October 24, 1939, according to announcement of the Cuban Secretary of Commerce.

Resin:—Hongkong has prohibited, except with special government permission, the exportation of resin.

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Dyestuffs, Textile and Leather Chemicals

Raw Tanning Materials Nominal — Gambier Extract Higher — Egg Yolk Firmer — Tapioca Flour Continues Advance — Corn Derivatives Restored to Former Selling Terms

Prices for various dyestuffs, textile and leather chemicals were more stable last week. However, much confusion existed in certain divisions of the market where continually fluctuating commodity prices and uncertain shipping and replacement cost problems caused sellers to refrain from mentioning any quotations. Demand leveled off from the high levels earlier in the month, but shipments were moving at an active pace to catch up with orders booked previously. Price changes included higher quotations for domestic and imported egg yolk, potato starch, tapioca flour, and gambier extract.

Quotations for virtually all raw tanning materials and extracts were nominal. Shipments were very uncertain and replacement costs were continually fluctuating, and sellers were not disposed to name any definite prices at this time. Prospects that the war in Europe may lead to re-establishment of the mangrove tanning extract industry in Colombia and other Caribbean countries was pointed out by the Commerce Department. During the World War mangrove extract exports to this country went as high as 2,800,000 pounds a year, but the industry dwindled away when the war ended.

Corn derivatives were restored to former selling terms after nominal conditions prevailed for the past few weeks. Sellers were accepting orders for normal requirements for thirty days shipment, but subject to delay. The eleven refiners in the United States of starches, sugars, syrups and other products of corn ground 5,899,416 bushels of that cereal in August, according to the Corn Industries Research Foundation. The grind was 4,309,523 bushels in July and 5,484,633 bushels in August, 1938.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Egg yolk, 2c. per lb.
Gambier ext., 2½c. per lb.
Starch, potato, 1c. per lb.
Tapioca flour, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.3	**148.3**	**134.4**	**150.1** . . .

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Shipments were moving in good volume to the textile and dyestuff trade last week. No change was disclosed in the prices, and the tone of the market remained firm.

Antimony Salt.—The market was strictly nominal. Stocks were rather limited, and it was difficult to name a definite price at this time.

Potash Bichromate.—Business was booked against contracts as a rule, with sellers cautious in accepting new business or export inquiries. Prices ruled firm.

Potash Prussiate.—Stocks of red material were negligible and no quotation was available. Demand for the yellow was active, and price held at the level established the preceding period.

Soda Bichromate.—Sellers were in receipt of numerous inquiries in the domestic and export market. However, business against existing contracts was given first consideration, and in many instances bookings were extended for more than a month ahead to assure prompt shipment.

Soda Prussiate.—A firm price tone prevailed in the market, but quotations remained at the levels recorded the preciding period. Demand was active, but most business was subject to confirmation.

Sulphonated Oils.—No definite prices were available for castor, olive and tallow sulphonated oils. The market was one of confusion. Inquiries were treated individually and commitments limited to normal purchases. Sellers had difficulty in determining replacement costs in view of the fluctuations in the basic commodities.

Dyestuffs

Annatto.—The market remained firm. Sellers were cautious in accepting new business, and mostly confined transactions to regular consumers' needs.

Archil.—No change occurred in the quotations. Sellers were able to supply immediate requirements of regular consumers.

Fustic.—Demand from the leather and textile trade was broad, and shipments were moving on a larger scale.

Logwood.—Sellers were adhering to quotations in force previously. Stocks of material were adequate for the present, and shipments were moving to consuming channels promptly.

Turmeric.—Stocks continue scarce, and quotations were strictly nominal in this direction during the past week.

Sizing Materials

Albumen, Egg.—Quotations for domestic material were unaltered. Buying was not quite as active as previously. Price for the imported was nominal, with little stocks available at this time.

Dextrin.—Prices for various grades of corn dextrin were firm. For the time being, sellers were accepting orders for normal requirements for 30-day shipment, but subject to delay. Bookings were not as active, but most consumers bought heavily and were awaiting shipments.

Egg Yolk.—Domestic prices were 2c. per pound higher at 62c. to 64c. per pound. Imported material ranged from 59c. to 62c. per pound. Demand continued fairly active, and stocks were not considered plentiful.

Starch.—The market for various grades of corn starch was on a more normal basis last week. Sellers were restoring former selling terms, accepting orders for normal requirements for 30-day shipment. Price for domestic potato starch was higher, ranging from 6c. to 6¼c. per pound.

Tapioca Flour.—Nominal conditions prevailed in the market. Sales were made at higher levels, ranging from 3½c. to 5c. per pound.

Tanning Materials

Gall Nuts.—No changes occurred in the quotations. However, stocks were rather limited, and replacement costs were expected to be higher.

Gambier.—No prices were obtainable for the common, plantation and Singapore cubes. Supplies were negligible, and sellers were not inclined to name any definite price. Quotations for the extract were higher, ranging from 9c. to 12c. per pound.

Mangrove Bark.—In the absence of any shipments, sellers were not in a position to name a quotation for the fibrous and non-fibrous grades last week.

Myrobalans.—With shipments uncertain and replacement costs difficult to determine, sellers were not disposed to name any prices. The market was strictly nominal.

Quebracho.—Spot stocks were rather limited, and in view of the unsettlement no prices were available.

Sumac.—The market was nominal. Quotations were subject to changing conditions, and sellers were not adhering to any set price at the moment.

Valona.—With replacement costs highly uncertain, sellers were maintaining quotations nominal until the situation becomes clarified.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

FINE CHEMICALS

BENZYL CHLORIDE
Refined and Technical Grades

To be certain of Uniformity—so important to the consuming industries—specify Benzyl Chloride Heyden. We make prompt delivery—in clean, modern containers.

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HEYDEN Chemical Corporation
50 UNION SQUARE NEW YORK, N. Y.
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910 Garfield Avenue, Jersey City, N. J.
Natural BICHROMATES

"NIAPROOF"*
ALUMINUM SALTS FOR WATER REPELLENT TREATMENTS

Especially developed for the modern concentrated water repellent preparations, "Niaproof" contains 37 to 39% active Al_2O_3. It is readily soluble in water giving solutions of 5.1 to 5.4 pH depending on concentration; which can be reduced if desired to a pH range of 3 to 4 by the addition of Glacial Acetic Acid.

"Niaproof" B is a more basic type of aluminum acetate salt containing 35% active Al_2O_3. Solutions have a pH range of 4.7 to 4.8; which can also be lowered by the addition of Acetic Acid.

Samples of both grades are available on request. *Trademark

NIACET CHEMICALS CORPORATION P.O. BOX 400 NIAGARA FALLS NEW YORK

MUTUAL BICHROMATES

MUTUAL CHEMICAL CO. OF AMERICA NEW YORK N.Y.
BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID

MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

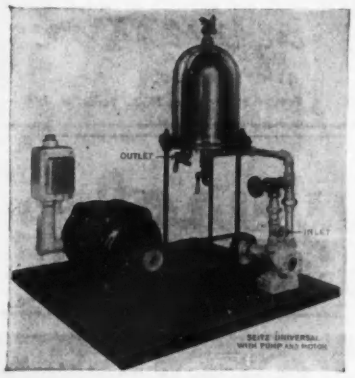
Soybean Tariff Protection Asked

The United States could replace the large portion of 2,000,000,000 pounds of fats and oils imported annually through the domestic cultivation of soybean, David Wing, chairman of the legislative committee of the American Soybean Association, declared at a meeting of that group at the University of Wisconsin, September 11-12. He recommended planting this crop on the acres now causing surpluses of corn, wheat and cotton, and urged a protective tariff on imported soybeans.

A. R. Albert, head of the university's experimental station at Hancock, portrayed a hopeful future for the soybean as a soil reclamation crop. He pointed out that it can be cultivated on depleted soil to replace lost fertility while also yielding a return to the farmer. Viewed as a crop for silage, the soybean is nearly twice as rich in protein as corn, Gus Bohstedt, director of livestock nutrition at the university contended. Other speakers were E. J. Delwiche of the university experiment station, and Floyd Duffee, head of the Wisconsin agricultural engineering department.

American Seitz Offers New All-Purpose Filter

The American Seitz Filter Corporation, this city, has developed a new small all-purpose filter, the new Seitz universal lime filter, type, JG. The overall dimensions of the filter proper are:—Height, 7¾ inches; diameter of base 5½ inches, which includes outlet, inlet and drain cock. Unusual volumes are obtained with this small filter:—Water, with 2 to 3 pounds pressure, 100 gallons per hour; with 25 pounds pressure, more than 300 gallons per hour. Of course, the more viscous the liquid, the slower the flow. Pressures



up to 50 pounds may be used. It is adaptable to any filterable liquid, with a filtering media best suited to a particular liquid; or for straining viscous liquids, using only the outer screen in the proper mesh.

The new Seitz JG is designed with two inner cylindrical screens, having a ¾-inch space between them. This space is filled with the desired grade of loose asbestos, pulp, charcoal, or other filtering agent. It is solidly packed by means of a wooden cylinder with the same diameter as the space between the screens. The inlet is through the inside of the inner cylindrical screen. The liquid is forced first through the inner screen, then through the filtering material and the outer screen, collecting in the outside shell and passing to the outlet. For liquids that require straining, no filtering media is used, the inner screen is omitted, and the outer screen is made of any desired mesh, up to 400.

The filter area is about ½-square foot when the inner and outer screen are used with filtering material packed in; when only the outer screen is employed, the filter area is about ¾-square foot. The filter may be attached directly to any pipe with proper valves, so that the liquid may go directly through the filter or directly through the line. The filter may be ordered with flat cast iron base, pump, motor and bi-pass arrangement for regulating pressures as shown in illustration.

The standard construction is tinned bronze with monel screening, but the material may be varied according to requirements. For the standard unit, without pump, motor and valves, the price is $70. For the same unit, with 5GPM rotary pump and motor, manually-controlled bi-pass, etc., the price is $175.

New Mangrove Tanning Extract Industry in Colombia

It is possible that war conditions abroad may stimulate consumption in the United States of mangrove tanning extract from sources nearer home, as occurred in the war period 1914 to 1918, according to the Department of Commerce. Almost inexhaustible supplies of mangrove exist in some Caribbean countries particularly in Mexico and Colombia. During the last war two extract plants were established in Colombia, one at Cartagena and the other at Cispata Bay, almost the entire production of which was shipped to the United States.

In 1915 over 1,800,000 pounds of extract were exported to this country from Colombia. The following year nearly 2,800,000 pounds were received and in 1917 imports were just short of 2,000,000 pounds. Cessation of the war caused this trade to dwindle to less than 4,000 pounds in 1919 and ceased entirely shortly thereafter.

According to information recently obtained, there has been some activity toward re-establishing a mangrove extract industry in Colombia. A national company is reported to be in process of organization for the exploitation of mangrove resources along the Sinu River for which the Colombian Government has granted the necessary concessions. The plant is to be located at Turbo, a town on the Atlantic coast in the northwestern part of the country.

Tung Industries Stock Sales Indict Five

Milwaukee, Sept. 20, 1939

A motion to void indictments charging five men with using the mails to defraud and violation of the Federal securities act in sales of securities of Tung Industries, Inc., was refused today by Federal Judge F. Ryan Duffy. The defendants are Arthur Aschauer, Wiggin, Miss.; W. A. Kenyon, L. B. Smith and S. R. Clark, all of Milwaukee. John W. Herron, Wausau, Wis., president of Tung Industries, Inc., has been named in a bench warrant as a fugitive.

Match Factory for Iraq

A group of Iraq business men have decided to form a company for the manufacture of matches in this country. The capital suggested for this scheme is understood to be in the neighborhood of I. D. 35,000. The company will, it is understood, engage a foreign expert to purchase the necessary machinery from abroad, according to the American consulate general in Baghdad.

Union Potash Encounters Four Potash Ore Beds

The International Agricultural Corporation, this city, through recent exercising of its option to acquire additional stock of the Union Potash & Chemical Company, now holds 52½ percent of its outstanding common stock of the Union Potash & Chemical Company and 52½ percent of its outstanding preferred stock, according to the pamphlet report of the company, signed by J. H. Hunt, secretary. The report, in part, said:—

Union Potash has completed a shaft to a depth of 925 feet. Four beds of potash ore have been encountered which are regarded as containing ore in commercial quantities. Additional information has been obtained from the driving of over 2,600 feet of drifts in the No. 2 and No. 4 beds, and from the drilling of thirteen additional test holes. Both sulphate and chloride ores were encountered in what is believed to be commercial quantities.

Preliminary estimates indicate that Union Potash will require, in addition to funds already received from stock subscriptions and otherwise, substantial additional funds in order to equip the mine, sink an additional shaft, construct a milling and refining plant, do the necessary underground development work, and accumulate the necessary inventories for successful operation.

7 BLACKS for

THE technical demand for Carbon Black in rubber compounding calls for the production of blacks along two lines, first, rate of cure, and second, processing qualities. Continental has found that there are seven grades of blacks, from fast cure and easy processing to slow cure and hard processing, which cover practically all the requirements for compounding. The important consideration, from the compounder's point of view, is that the rate of cure and processing qualities remain uniform from lot to lot in each grade. In order to insure this, compounders have customarily insisted on black made from the same units which have been approved. Under Continental's new system of classification, this is no longer necessary. Continental Blacks can be ordered by grade—as indicated at the right. This is possible because in planning and erecting its mammoth plant at Sunray, Texas, Continental laid out seven distinct, separate units, and designed each to produce one grade of black. By this arrangement, ordering is greatly simplified. At the same time users are assured, by the most modern manufacturing methods and an unusually rigid system of central control, that *all* types and each succeeding lot of Continental Carbon Black are of the highest quality and uniformity. The grades, listed here, are available in both Compressed and Dustless forms:

Hooker Library Offering New Literature Service

The Hooker Scientific Library, Fayette, Mo., will inaugurate a new literature service for chemists October 1. Dr. Julian F. Smith, who is resigning from E. I. duPont de Nemours & Co., Wilmington, where he is doing chemical literature work, has been named associate director of the Friends of the Hooker Scientific Library. Through Dr. Smith the library will offer translations and literature searches, backed by facilities for providing filmstat or photostat copies for any matter in more than twenty thousand volumes comprising the collection.

These services will be rendered at cost to members of the Friends of the Hooker Scientific Library. The minimum fee for an individual life membership is $10; for a permanent corporation or institutional membership, $100. All who are interested are invited to write to Dr. Neil E. Gordon, Central College, Fayette.

BIMS to Golf October 19

The BIMS, a social organization of buyers, importers, manufacturers and salesmen, will hold its final golf tournament at Lakeville, L. I., October 19. Martin F. Schultes, of the Hewitt Soap Company, this city, chairman of the group, reported the prize winners at the September 14 tournament, held at White Beeches, Haworth, N. J., were:—

W. W. Neilson, of Harold F. Ritchie & Co.; H. Whitaker, of Bourjois, Inc.; H. Reinhardt, of American Home Products; J. B. Walker, of Hazel-Atlas Glass Company; E. A. Bush; K. S. Upham, of the Owens Illinois Glass Company; C. H. Keeley, of *Toilet Requisites;* H. G. Griffiths, of the Pennsylvania Drug Company; P. Miller, of the International Cellucotton Products Company; C. C. Bryan, of Fritzsche Bros., Inc.; F. L. Kiernan, of the Kiernan-Hughes Company; P. L. Forsman, of C. H. Forsman & Co.; L. H. Schultes, of the Hewitt Soap Company; G. E. Esslinger, of the United Drug Company; F. W. Mahr, of the Blake Manufacturing Company; F. W. Webster, of Sagamore Metal Goods Company; J. F. Kelly, of Hagerty Bros. & Co.; H. Ambrose, of Topics Publishing Company; Augustus H. Bergmann, of the Oxzyn Company.

Lubricating grease with a melting point of 300°F. is to be manufactured in England by the Tyne Chemical Company, which is establishing a new plant in South Shields. British supplies of this type of lubricant have heretofore been imported from the United States.

Potash Salts Deliveries Total 62,965 Tons

Deliveries of agricultural potash by member companies of the American Potash Institute within the continental United States, Canada, Cuba, Puerto Rico, and Hawaii during the second quarter of the calendar year, 1939, amounted to 32,835 tons of actual K_2O, equivalent to 62,965 tons of potash salts. Constituting this total were 46,170 tons of muriate, 1,089 tons of manure salts, 6,865 tons of sulphate, 5,960 tons of kainit, and 2,881 tons of sulphate of potash-magnesia. In addition, deliveries for chemical uses amounted to 9,902 tons of salts equivalent to 6,027 tons of K_2O. These figures include salts of domestic and foreign origin, exclusive of importations of potassium nitrate.

In terms of regional consignments, the total of 28,360 tons K_2O delivered within the continental United States was shipped as follows:—Northeastern and Mid-Atlantic States, 5,188 tons; Southern States, including Virginia, 15,209 tons; Midwestern States, 7,416 tons; and West coast States, 547 tons. The balance of 4,475 tons K_2O was delivered to Canada, Cuba, Puerto Rico and Hawaii.

CONTINENTAL A: Fast Cure, Easy Processing
CONTINENTAL B: Fast Cure, Medium Processing
CONTINENTAL C: Medium Cure, Easy Processing
CONTINENTAL D: Medium Cure, Medium Processing
CONTINENTAL E: Medium Cure, Hard Processing
CONTINENTAL F: Slow Cure, Medium Processing
CONTINENTAL G: Slow Cure, Hard Processing

WRITE for the new Continental Booklet "The Modern Trend in Carbon Black" which gives complete information on these various grades of Blacks.

Continental

Continental Carbon Company, 295 Madison Ave., New York, N.Y.
Plant: Sunray, Texas: Akron Sales Office: Peoples Bank Building, Akron, Ohio

Trade Briefs

Japanese electro-chemical industry production has been retarded by a scarcity of coal and a prolonged drought which has curtailed the operations of hydro-electric power stations during the past two months.

Goodyear Tire & Rubber Company, Akron, plans the construction of a plant for production of mechanical rubber goods at St. Mary's, Ohio, which, together with equipment will represent an investment of about $1,000,000.

International Nickel Company, this city, has received a general license authorizing exports of its products from Canada and the necessary license to use its foreign exchange for business requirements.

Herbert F. Schiefer, National Bureau of Standards textile expert, will address the cellulose division of the American Chemical Society on "Physical Tests for Quality in Textiles," at its Boston meeting, September 11 to 15.

Edward C. Harrington, of E. I. duPont de Nemours & Co., will direct a clinic on retail promotion in the advertising and selling course of the Advertising Club, to be held in the Engineering Societies building, this city, during February.

B. F. Goodrich Company, manufacturer of rubber goods, this city, has elected John Lyon Collyer, as its president in succession to S. B. Robertson, resigned. Mr. Collyer has been joint managing director for the Dunlop Rubber Company.

Tiona Petroleum Company, Philadelphia, has elected John R. Schmitt vice-president and a director. He was formerly treasurer of Alliance Oil Corporation, this city, and was also connected with Tidewater Associated Oil Corporation for many years.

Petroleum coke which has been calcined in an electric furnace to eliminate moisture and volatile matter has been held by the United States Customs Court, First Division, to be subject to classification under the provision in paragraph 1650 of the tariff act, as "coke," rather than as "articles or wares composed wholly or in part of carbon or graphite" under paragraph 216.

U.S. Revenue Returns Show Gains in August

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for August, 1939, compared with 1938 as follows:—

Taxes Collected

	1939.	1938.
Coconut, etc., oils, processed	$1,767,325.12	$2,057,604.65
Distilled spirits, domestic, excise tax $2 per gallon	336,625.30	141,173.38
Distilled spirits, imported, excise tax $2 per gallon	97,514.69	66,571.85
Gasoline	20,164,737.20	19,369,069.00
Lubricating oils	2,576,281.39	2,437,055.21
Matches	144.88	21,727.39
Narcotics, including special taxes	19,285.18	20,785.40
Oleomargarin, excise taxes	60,268.31	67,012.43
Oleomargarin, special taxes	157,724.29	193,330.22
Toilet preparations	455,563.17	614,357.85
Transportation of oil by pipeline	1,022,073.35	1,079,931.08
Total internal revenue	$397,421,474.23	$362,286,330.83

Quantities Taxed

	1939.	1938.
Distilled spirits, domestic tax gallons	8,427,818	7,060,312
Distilled spirits, imported, tax gallons	706,048	652,519
Distilled spirits, rectified, proof gallons	2,492,287	2,003,730
Oleomargarin, colored, pounds	14,288	38,848
Oleomargarin, uncolored	22,852,836	25,251,052

Huisking & Co. Advises Adherence to Sensible Buying

In commenting on the current market situation, in a letter mailed to buyers, under date of September 21, Charles L. Huisking & Co., importers and exporters of drugs, chemicals, essential oils and spices, this city, in part, said:—

Our American manufacturers deserve commendation and support in their determination to keep prices stable and to supply the domestic trade with legitimate requirements. Buyers should take heed, and cooperate with these manufacturers by not laying in goods beyond their legitimate requirements and even if prices are advanced as they must be through increased cost of production, these advances can be kept within reason if buying is done in a sensible way. On those articles entirely dependent on foreign sources, higher prices are naturally in effect because further supplies are so uncertain.

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An ALKYD PLASTICIZER for UREA FORMALDEHYDE Finishes

ESTEROL 2600

PARAMET SYNTHETIC RESINS

Esterol 2600 is a pure alkyd resin of the non-oxidizing type. When combined with urea formaldehyde solutions it yields finishes with excellent color retention, flexibility, adhesion and lustre.

Developed originally to plasticize our own urea formaldehyde solution No. 2562-A it can be used to advantage with other solutions.

Esterol 2600 also combines readily with nitrocellulose lacquers . . . and is an excellent blending medium for a wide range of applications.

Further data and suggestions for its use gladly furnished on request.

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

Industrial and Pharmaceutical Chemicals

METHYL ISOBUTYL KETONE

Now available in tank car quantities

Selling Agents for SHELL CHEMICAL COMPANY

R.W. GREEFF & CO.
10 East 40th Street New York, N. Y.

Paint, Varnish, Lacquer Materials

Upward Price Movements and Good Demand Still Feature Markets —White Lead in Oil, Casein, Vermilion, Bone Glue Up —Naval Stores Advance, Then React

The raw paint material market was characterized by upward price movements accompanied by a good demand last week. There was less speculation in the market than during the previous two weeks but the needs for the Fall painting season kept sales volume at a good level. Casein prices again surged upward with indications of a further advance this week. English vermilion continued to climb and both the red and yellow mercuric oxides were sharply advanced. Bone glue again was raised and sellers reported that hide glue prices would follow. White lead in oil was revised upward for the first price-change since early this year. Several types of varnish gums were boosted but all quotations were nominal.

Rosin and turpentine were irregular in Southern and local markets, the tone being firmer early in the period, with a reactionary tendency later on. There was a steady movement to consumers on contracts, but new business was quieter, recent sharp advances in prices making buyers disposed to curtail purchases and await further developments.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., 3c. per lb.
Argentine, 2c. per lb.
Glue, bone, ½c. per lb.
Gum, copal, ½c. to 3½c. per lb.
dammar, ⅜c. to 4½c. per lb.
Lead, white, in oil, ½c. per lb.
Red, vermilion, English, 48c. per lb.
mercuric oxide, tech., 50c. per lb.
Rosin, gum, F.G., 40c. per 280 lbs.
Turpentine, gum, ½c. per gal.
Yellow, mercuric oxide, tech., 40c. per lb.

Reduced

Rosin, gum, medium, high, 5c. to 20c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead had a moderately active week with demand good. The majority of sellers reached their quotas of sales during the period and shipments were steady. The price was firm and unchanged at the quoted level. Slab zinc attracted a bit less interest than during the previous week, but sales were still considered satisfactory. Here, too, the price was firm and unchanged. Arrangements have been completed for Great Britain to purchase all the surplus stocks of Australian refined zinc and most of the lead stocks. Prices would approximate those ruling before the outbreak of hostilities.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from September 16 to September 22, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0550@.0555	$0.0535	.. * .. ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wednesday	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from September 16 to September 22, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0665	$0.0625	.. * .. ..
Monday	.0665	.0625	.. .. ..
Tuesday	.0665	.0625	.. .. ..
Wednesday	.0665	.0625	.. .. ..
Thursday	.0665	.0625	.. .. ..
Friday	.0665	.0625	.. .. ..

* London exchange closed.

Pigments

Antimony, White.—There was a good demand, but very little supply. The quoted price was nominal.

Litharge.—The advance made at the beginning of this month had failed to discourage buyers and demand last week was good. The price was firm and unchanged.

Lithopone. — Business in the New York market showed a slight improvement last week. The price was steady.

Orange Mineral. — Shipments continued to be satisfactory to producers, the recent price advance apparently having little effect on demand. The quoted figure was firm.

Red Lead.—A heavy demand remained in the market, indicating that some consumers were still speculating. The price was firm.

Titanium Pigments.—An excellent demand for all grades was reported by leading manufacturers. The quoted prices will probably hold until the end of the year.

White Lead. — Effective tomorrow, white lead in oil will be advanced ½c. per pound. For delivery in 100-pound kegs, material will be offered at 12¾c. per pound to consumers, 11¾c. to painters and 10¾c. per pound to dealers. The consumers' price and the price to painters are ½c. per pound lower for orders of 500 pounds or more.

Zinc Oxides. — Satisfactory market conditions were reported with consumers ordering material for both immediate needs and distant requirements. The price schedule was firm.

Fillers and Extenders

Barytes.—There was a good demand for domestic material, although it had not increased over that of the previous week. There were still offerings of the imported product, but those importers who had stocks available were restricting sales. No material was reported coming from abroad last week, although Italian barytes might be shipped in the near future. Prices were firm.

Bentonite.—There was a good movement of material reported, but no indications of speculation. The price at the Wyoming works was firm.

China Clay.—Conditions surrounding the market were favorable and unchanged. The price was steady.

Gypsum.—Major suppliers indicated a pick-up in demand last week which was normal for this time of year. Prices were firm.

Rottenstone.—The price was steady and unchanged at the quoted figure. Consumers were active and shipments were regular.

Talc.—Imported material was nominal with only a small supply of Italian grade material available. The French product was withdrawn from the market.

Tripoli.—Consumption was at a better level than the previous week and the quoted price strengthened.

Varnish Gums

Copals.—A total of 42 grades of this type gum were advanced last week. The advances ranged from ½c. to 3½c. per pound, and embraced gums in several different categories. Shipments in the future were considered uncertain and all prices were nominal.

Dammars.—Nine grades of this type gum were advanced during the period under review, the increases ranging from ⅜c. to 4½c. per pound. Similar to copals, sales were restricted due to uncertain shipping conditions and prices were nominal.

Synthetic Resins

Confronted with a very heavy demand, suppliers of ester gum in the East continued to quote an unchanged price last week. This material was offered in the New York area at 6¼c. to 6¾c. per pound.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Dry Colors

Bone Black.—Current upset conditions noticed in markets for other raw paint commodities had little effect on this material. The price was firm and shipments steady.

Carbon Black.—Tire manufacturers were active and there was an increased demand for prompt shipment. The price was firm.

Cadmium Lithopone.—Interest was at a better level during the period under review, which was an indication of the pick-up in business during the Fall painting season. The price was firm.

Carmine.—Inquiry for the No. 40 material was well maintained during the week, further consolidating gains made previously. The price was unchanged.

Chrome Yellow.—Demand was a bit better due to seasonal pickup. The price was firm.

Iron Oxides.—Natural and synthetic iron oxides remained in good demand last week with price unchanged and steady.

Lake Red C.—The spot demand for this color was at the same level last week but the inquiry for future delivery was noticeably better. The price was steady.

Mercuric Oxide.—Sellers of the technical red mercuric oxide again hiked the price sharply last week. The advance was 50c. per pound, bringing the quotation to $2.41. The yellow technical mercuric oxide was boosted 40c. per pound to a level of $2.26 per pound. Sales were limited.

Ocher.—Suppliers of this color reported heavier sales volume during the period under review. The increase was due to industrial needs rather than speculation. The price was firm.

Ultramarine.—Demand was at about the same level, with the price firm.

Vermilion.—Quicksilver strength again affected the market for English vermilion and major producers advanced their quotations 48c. per pound. The new schedule was $2.88 per pound for 500 pounds or more; $2.93 per pound for 100-500 pounds; and $2.97 per pound for smaller lots. Stocks were low and orders restricted.

Driers

The advance in the price for various grades of stearates and palmitates two weeks ago failed to bring about less demand during the period under review. Consumers were active and contracting for the last quarter of the year was being carried out at a satisfactory rate.

Naval Stores

Rosin and turpentine quotations showed irregularity in Southern and local markets last week, the trend being upward early in the period, with a reactionary tendency later on. At one time some grades of rosin were substantially higher than at the close of the previous week, and turpentine also rose to a new high point for the current price movement. On the advance demand slackened, buyers being disposed in some cases to hold off and await further developments.

The undertone in the South apparently remained firm, however, and to some in the trade here the setback in prices was regarded as likely to prove of short duration as consumers in various branches of industry were still believed in not a few cases to be carrying comparatively light supplies. There were reports of a considerable increase in export trade in rosin, inquiries being received from Europe, the Far East and South America, and a somewhat better foreign call was also noted for turpentine.

Although new domestic business in rosin and turpentine slackened last week, the movement to consumers and dealers on contracts previously placed apparently held up well. Receipts in primary centers were fairly liberal for this period of the year, but daily offerings in the open markets were light or moderate, with scarcity again noted of some grades of rosin. Stocks of certain grades under government control were said to have decreased materially in recent weeks. A meeting of naval stores producers will be held in Jacksonville this week to take action in connection with the naval stores conservation and loan program for the 1940 season. A tentative draft of the proposed plan has already been circulated in the industry. This plan provides for a curtailment of cropage of 20 percent as compared with the 1938 base. The 1939 plan called for a curtailment of 15 percent but the actual reduction is expected to prove nearly double this amount so that if the proposed plan for 1940 is approved and carried out it is believed by some that the yield for the coming season will be 30,000 units more than the 1939 production.

Mexican export statistics covering shipments of turpentine and rosin for the second quarter of 1939 showed substantial increases as compared with the same time in the previous year. Turpentine exports during the second quarter this year were 917,023 kilograms, against 672,296 kilograms in the same time last year, while shipments of rosin were 3,342,528 kilograms against only 689,281 kilograms. The United States was the principal buyer of Mexican turpentine, while Germany was the chief purchaser of rosin.

Turpentine.—Local prices moved upward early in the week, but there was a setback later on, the course of the market here being a reflection of developments in the South. Business was fairly active, though the transactions were on a smaller scale than in the previous week.

SAVANNAH, Sept. 22.—The inquiry for turpentine continued good. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday..	..	...	...	...	.....
Monday....	27¾	214	197	287	26,786
Tuesday....	27¼	135	628	308	27,116
Wednesday.	27¼	143	575	1,250	26,441
Thursday...	27¼	82	237	162	26,516
Friday.....	27½	118	282	...	26,978

* No trading.

JACKSONVILLE, Sept. 22.—The turpentine market retained a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday..	..	...	...	...	.....
Monday....	26½	...	241	455	51,380
Tuesday....	27¼	...	157	6	51,531
Wednesday.	27¼	...	168	...	51,699
Thursday...	26½	...	140	1	51,838
Friday.....	26½	...	171	167	51,842

* No trading.

PENSACOLA, Sept. 16.—Receipts of turpentine were moderate. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	70	492	21,464
Tuesday	144	122	21,486
Wednesday	128	...	21,614
Thursday	40	298	21,356
Friday	51	238	21,169
Saturday	18	...	21,187

CHICAGO, Sept. 22.—Turpentine prices have advanced. The buying accompanying this move has been fairly extensive. Ruling prices at the close of business last night were:—Five-drum lots, 34c. per gallon; single drums, 39c.; five wood barrels, 37c.; single barrels, 42c.

London Turpentine Stocks

Stocks of American turpentine in London were:—

	Sept. 22.	Previous week.	Last year.
Barrels	17,536	17,891	29,508

Rosin.—Business in the local market was quieter last week, recent sharp advances in prices making consumers and dealers disposed in some cases to hold aloof for a time and await further developments in primary centers. Prices were irregular, further advances early in the week being followed by a set back later on.

SAVANNAH, Sept. 22.—Rosin was firm with steady a inquiry. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	$3.90	$3.90	$3.90
D	...	4.10	4.10	4.10	4.10	4.10
E	...	5.00	5.00	5.00	5.00	5.00
F	...	5.35	5.35	5.35	5.35	5.35
G	...	5.65	5.65	5.65	5.55	5.35
H	...	5.90	5.90	5.65	5.55	5.55
I	...	5.95	5.95	5.65	5.60	5.65
K	...	5.95	6.00	5.60	5.65	5.65
M	...	5.95	6.00	5.65	5.70	5.70
N	...	6.00	6.05	5.70	5.80	5.75
WG	...	6.25	6.25	5.90	5.95	5.95
WW	...	6.50	6.50	6.25	6.25	6.25
X	...	6.50	6.50	6.25	6.25	6.25
Barrels						
Sales.....	...	717	353	347	425	569
Receipts..	...	971	2,464	1,151	1,451	616
Shipments	...	1,875	2,128	530	1,633	...
Stocks—	...	281,130	281,466	282,087	281,905	282,521

* No trading.

PENSACOLA, Sept. 22.—The rosin market remained firm. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	260	589	178	248	223	70
Shipments	219	467	256	...	860	240
Stocks:—	64,626	64,748	64,670	64,918	64,281	64,111

CHICAGO, Sept. 22.—The rosin market is entirely firm despite some slowing down of purchases. Ruling prices at the close of business last night were:—B grade, $6.90 per lot of 280 pounds; G grade, $8.65; M grade, $9; W. W. grade, $9.50.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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JACKSONVILLE, Sept. 22.—The rosin market had a firm tone. Offerings were light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.35	$3.35	$3.35	$3.75	$3.75
D	...	3.85	3.85	3.85	4.00	4.00
E	...	4.15	4.15	4.15	4.50	4.50
F	...	4.45	4.45	4.45	5.25	5.25
G	...	4.45	4.45	4.45	5.35	5.35
H	...	5.35	5.35	5.35	5.50	5.60
I	...	5.60	5.60	5.60	5.60	5.60
K	...	5.60	5.60	5.60	5.60	5.65
M	...	5.60	5.60	5.60	5.65	5.70
N	...	5.60	5.60	5.60	5.70	5.70
WG	...	5.85	5.85	5.85	5.90	5.90
WW	...	6.25	6.25	6.25	6.25	6.25
X	...	6.25	6.25	6.25	6.25	6.25
	Barrels					
Sales	...	...	...	...	56	65
Receipts	...	881	943	967	1,041	1,026
Shipments	...	355	400	...	44	637
Stocks:—						
	...	325,118	325,661	326,628	327,625	328,014

* No trading.

Pine Oil.—A firm tone continued to prevail in the local market. Business was more active, a further increase being noted in the volume of inquiries received from local and other consumers.

Pitch.—The market here had a firmer tone, but quotations were generally held at the levels prevailing in the previous week. There was a fairly active demand.

Rosin Oil.—Quotations on spot material were held at the advanced levels announced in the previous week, with the tone of the market firm. Business was fairly active.

Tar.—There was a steady movement to local and other consumers on contracts and transient orders. The market retained a firm tone.

Shellac

The market seemed somewhat better defined last week although to all intents and purposes quotations were nominal and subject to confirmation. There were two markets. First, there was the market at which regular customers of regular dealers and importers bought. Second, there was a market established through speculative activity and it was in the latter market that superior prices apparently had been obtained. The London Exchange remained closed. Calcutta quotations returned and the prices worked out at levels not surprisingly higher, all things considered. For example, on a landed contract, 14c. per pound for T.N. was possible at times but the change in ocean freights and war risk insurance was for the buyer. On a nominal basis spot T.N. was 16c. to 16½c. per pound; superfine, 17c. to 17½c.; bonedry, 24c. For 5-pound white varnish, $1.15 per gallon was the market; 5-pound orange, $1.05.

Lacquer Materials

Demand continued fairly active in the market for lacquer materials and solvents last week. Buying was motivated by a normal seasonal improvement in most major consuming lines, and the desire to keep inventories at comparatively high levels. While existing contracts in most products have been extended into the final quarter, new contracts and spot quotations were subject to advances. Quotations for acetone were firmer, and new contracts for the last quarter will be at higher levels, while existing contracts as announced previously will be extended for the last three months. Amyl products were much firmer, although no actual advances have been reported such items as amyl acetate and diamyl phthalate were rather scarce.

Acetone.—A firm price tone prevailed in the market. New contracts will be subject to higher prices for the final quarter, making tanks, 5c. per pound, car lots, 6c. per pound and less car lots, 6½c. per pound. As announced previously existing contracts will be extended into the final three months. Spot prices will remain at the above levels. Domestic and export business remained active.

Amyl Acetate.—Supplies of material were none too plentiful, and the market was in a firm position. While no immediate change was forthcoming, prospects pointed toward higher prices in the near future. Demand was sufficient to absorb available quantities.

Butyl Acetate.—Demand was fairly broad in this direction during the past week, with consumers making good size replacements from time to time. Pricewise a firm tone prevailed.

Diamyl Phthalate.—The market was in a very firm position, withdrawals were sufficient to keep stocks of material at low levels. No change was disclosed in the quotations.

Isopropyl Acetate.—Spot and contract shipments were moving at a good pace throughout the week just ended. No

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change occurred in the quotations, and the market was firm.

Methyl Acetate.—Interest in the market was along broad lines last week. Consumers were entering the market for good size commitments. Pricewise a steady to firm tone prevailed.

Glues and Binders

Casein.—Domestic material was advanced 3c. per pound to the highest price in 15 years. That the peak has not yet been reached was indicated by leading suppliers who reported that stocks were fairly low and demand continued good. The new quotations for 20-30 mesh material were 20c. per pound for car lots; 21½c. per pound for five tons to car lots; and 23c. per pound for smaller amounts. The 80-100 mesh product was offered at 20½c. per pound for car lots; 22c. per pound for five tons; and 23½c. per pound for smaller lots. Argentine casein was advanced 2c. per pound to 17c. for the 20-30 material and 17½c. for the 80-100. Supplies of the South American product were scarce, however, and there were no indications when the next shipment to this country would be.

Glues.—For the second successive week bone glue was advanced ½c. per pound during the period under review. The price, following the second advance, ranged from 12½c. to 14½c. per pound. The hide glue market was exceedingly strong and suppliers reported that an advance will probably be made. Demand for both materials held well and stocks were low.

Trade Briefs

New England Paint and Oil Club will hold its annual meeting September 28 at the Winchester Country Club, Winchester, Mass., September 28.

Canadian Industries, Ltd., manufacturer of paint products, plans to construct a new paint plant in St. Luc, Quebec, at the cost of $200,000.

Harvey J. Moynihan has been made a member of the Johns-Manville Quarter Century Club. Mr. Moynihan is the special representative of the corporation's government department in New Jersey.

Pittsburgh Plate Glass Company's salesmen in the Baltimore and Washington areas held a meeting in Lord Baltimore hotel, September 9, with Henry J. Schnorbus, manager of the Baltimore division, presiding.

Eastman Kodak Company of New Jersey has developed a nitrocellulose lacquer which, when applied to faces of concrete forms, filled the wood pores so smoothly as to eliminate the need for facing concrete walls with other ingredients.

Max E. Goldsmith, of the Hirshberg Paint Company, Baltimore, observed his eightieth birthday September 11. Mr. Goldsmith was an organizer of the Baltimore Paint, Varnish and Lacquer Association, and served as its president in 1918.

Fils Levy-Finger "Celluco" Company, manufacturer of chrome, zinc and other pigments, Paris, France, is erecting a new factory at Decize, in the Nievre department. The new factory will make materials for use in the national rearmament program.

Brown Company, pulp and paper manufacturer, Portland, Me., has been granted authority by the Federal Court to issue $843,000 certificates of indebtedness for cash. Of this total, $448,000 would be used to pay taxes in New Hampshire and $395,000 to refund a like amount of certificates issued a year ago to pay taxes.

Baltimore Paint Club Elects Stegner President

Floyd E. Stegner, of the Sherwin-Williams Company, was elected president of the Baltimore Paint, Varnish and Lacquer Association at the annual meeting, in the Rodgers Forge Country Club, September 15. Other officers elected were:—

Vice-president, W. R. McClayton, of the William B. Cassell Company; secretary-treasurer, Alfred S. Day, of the Spencer Kellogg & Sons, and assistant secretary-treasurer, Arthur L. Franklin, of the Pittsburgh Plate Glass Company.

C. Burch Athey, of the C. M. Athey Paint Company; H. Braith Davis, of the H. B. Davis Company, and William McGill were named delegates to the national convention. Alternates are Morton M. Goldsmith, Herman H. Shuger and Milton D. Swartz.

Current Market Quotations

Zinc-Ammonia Ch.—Zirconium

—Continued from page 21

Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15	- —
l.c.l., works.....100 lbs.	5.50	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05	- —
l.c.l., dlvd., except Pac. cst..lb.	.05½	- —
ex whse., Pac. cst..lb.	.05½	- —
Zirconium nitrate, kgs., works.lb.	3.00	- 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00	-100.00
white, 98%, rgd., kgs., works, lb.	1.80	- 2.00

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Sept. 4 issue; the next printing will be in the Oct. 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Paint Credit Group Annual Dance Nov. 25

The Paint and Allied Industries Credit Association will hold its fifteenth annual dinner-dance in the Hotel Astor, this city, November 25. The subscription price is $5. Victor Isaacs, of the Central Paint & Varnish Works, Brooklyn, is president of the group and Paul Kappen, of the Eagle-Picher Sales Company, is treasurer.

Cole & DeGraf Form Company

San Francisco, Sept. 19, 1939

Roy Cole and Elmer DeGraf, both of whom were formerly connected with E. S. Browning Co., San Francisco, have started their own business in that city at 660 Third street, where they will act as manufacturers' agents and dealers in raw materials and chemicals. Cole & DeGraf, as their company will be known, will cater especially to the paint manufacturing trade.

Owens-Illinois Glass Company, Toledo, reported to the Securities and Exchange Commission that outstanding 15-year 3½ percent debentures, due August 1, 1952, were reduced as of August 15 to $12,000,000 by payment of $2,000,000 principal amount.

Six Lead-Zinc Mines Reopened

Three major companies, the Eagle-Picher Mining & Smelting Company, the National Lead Company and the Federal Mining & Smelting Company, have reopened a large number of their mines in Missouri and Kansas as a result of recent advances in the prices of zinc and lead. The mines had been closed because they had been unprofitable to operate. About sixty small manganese mines in Arkansas have also started up since ferro-manganese prices were advanced.

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N.P.V.L.A.Reaffirms Stand On Freight Classification

—Continued from page 4

ferent problem from that of rail transportation, and the diversity of conditions might well justify some differences in rules and, conceivably, ratings.

Mr. Leveille said revision of some of the rules was favored; and it was the unanimous view of the committee that value should not continue to exercise its former influence in fixing ratings. Weight density and volume of tonnage should be, in the judgment of the committee, accorded equal, if not dominating influence, but here, as in so many of these problems, the adoption of inflexible rules was not deemed to be in the interest of either the railroads or the paint and varnish industry. This point was interestingly exemplified in the possibility of broadening the paint item to include related substances now individually described; and per contra, a consolidation of the gum entries.

Flaxseed Crop September 1 Estimate Up

The Department of Agriculture estimate as of September 1 of the 1939 flaxseed crop was 17,246,000 bushels. This compares with an estimate a month earlier of 15,750,000 bushels and a production last season of 8,171,000 bushels. Compared with August 1 indications, prospects improved in all of the important flax-producing States except North Dakota, where no change occurred. The September estimate does not include production in Texas, Arizona, Oregon, Washington and Idaho, where an output of between 500,000 and 860,000 bushels is expected.

Details of the September 1 estimate with respect to the several production States follow:—

	Yield per acre			Bushels Production		
	Average 1928-37.	1938.	Indicated 1939.	Average 1928-37.	1938.	Indicated 1939.
Michigan	8.9	9.0	8.5	58,000	90,000	128,000
Wisconsin	10.8	11.0	11.0	64,000	44,000	143,000
Minnesota	7.9	10.5	9.5	5,245,000	4,756,000	10,754,000
Iowa	8.8	12.0	9.5	151,000	120,000	380,000
Missouri	4.3	5.0	5.0	13,000	20,000	30,000
North Dakota	4.5	5.0	4.6	4,008,000	1,490,000	1,647,000
South Dakota	3.0	8.5	8.7	1,231,000	382,000	948,000
Nebraska	5.4	8.5	5.0	44,000	8,000	5,000
Kansas	5.8	7.2	7.7	257,000	367,000	939,000
Montana	4.0	5.0	4.0	635,000	210,000	512,000
California	16.9	19.0	16.0	515,000	684,000	1,760,000
United States	5.9	8.6	8.5	11,943,000	8,171,000	17,246,000

Vitamin A Distillation Described in New Booklet

The story of vitamin A esters as produced by the process of molecular distillation in the laboratories of Distillation Products, Inc., Rochester, N. Y., is related in an attractive illustrated booklet recently issued by the company. The work presents a brief history of molecular distillation; pictures and describes the complete facilities of the modern plant in which the process is practiced; and recounts the properties and varieties of vitamin A manufactured by the process. Copies of the new bulletin may be secured by communicating with the American Research Products division of General Mills, Inc., 80 Broad street, New York, which organization acts as sales agents for the distilled vitamin A in the natural ester form.

Locke Insulator Corporation, Baltimore, a subsidiary of the General Electric Company, plans the erection of three additional buildings.

Oils, Fats, and Waxes

Business Active and Trend of General Market Strongly Upward —Many Domestic and Foreign Products Nominal in Absence of Offerings—Frequent Fluctuations in Cottonseed Oil

Miscellaneous oils, fats and greases were active last week, business in many products showing a material increase after the slowing down noted in the previous period. Developments in the political situation abroad seemed to many to indicate that the war in Europe was likely to be of long duration, and consumers of oils and fats of all descriptions entered the market here for further supplies. Some of the buying appeared to be of a speculative character. Export inquiries for a number of commodities were received in an increased volume. In such circumstances the trend of prices was strongly upward.

Offerings of many domestic and imported products were light on the rise and quotations were generally more or less nominal. In the case of some commodities of foreign origin, offerings were lacking and there appeared to be little change in the situation in this respect in the near future. There were frequent fluctuations in cottonseed oil and lard futures though speculative operations in these commodities were on a smaller scale than recently.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Capric acid, ½c. per lb.
Castor oil fatty acid, ½c. per lb.
Chinawood oil, 1c. per lb.
Coconut oil, crude, ½c. per lb.
Coconut oil fatty acid, ½c. per lb.
Corn oil, ¼c. per lb.
Grease, ¼c. per lb.
Lard compound, 25c. per 100 lbs.
Lard oil, 1c. to 2c. per lb.
Lauric acid, 1¾c. per lb.
Linseed cake, $1.53 per ton.
Linseed meal, $1 per ton.
Linseed oil, ½c. per lb.
Menhaden oil, refined, ½c. per lb.
Myristic acid, 2c. per lb.
Neatsfoot oil, 1¾c. to 3¼c. per lb.
Olticica oil, 1c. per lb.
Oleo oil, 1c. per lb.
Olive oil, denatured, 10c. per gal.
Olive oil foots, 1c. per lb.
Palm oil fatty acid, ¾c. per lb.
Peanut oil, ¼c. per lb.
Rapeseed oil, 5c. per gal.
Red oil, ½c. per lb.
Sardine oil, refined, ½c. per lb.
Soybean oil fatty acid, ¼c. per lb.
Sperm oil, ½c. per lb.
Stearic acid, ½c. per lb.
Stearin, oleo, 1c. per lb.
Tallow, ¼c. per lb.
Tallow oil, 1¼c. per lb.
Waxes:—Bayberry, 3c. per lb.
Beeswax, crude, African, 1c. per lb.
Carnauba, No. 3 chalky, 1c. per lb.
No. 3 North Country, 3c. per lb.
Ceresin, domestic, 1c. per lb.
Japan, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
106.4	102.2	95.2	101.7

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

The local Chinawood oil situation continued to be featured by a very firm tone. Numerous inquiries were reported in the market, but, as for some time past, business was hampered by the inadequate supplies. Some importers were not in a position to offer for spot or nearby delivery and offerings from other sources were limited to comparatively small quantities. In one quarter 23c. per pound continued to be quoted for tankcars, but there was apparently little prospect of any change in the situation in this respect in the near future. There were frequent fluctuations in cottonseed oil and lard futures though speculative operations in these commodities were on a smaller scale than recently.

According to a dispatch from Washington, it is expected that the Japanese steamer Takaoka Maru will sail from Hankow for the United States in a few days, as details in the matter of allocating space for 2,000 tons of tung oil owned by American interests, have about been completed.

SAN FRANCISCO, Sept. 19.—During the week business in chinawood oil was closed as low as 23c. per pound in tankcars, f.o.b. Pacific Coast ports, with the market later rising. Sellers today were naming from 25c. to 27c. per pound, with business closed at the former. The Japanese steamer "Takaoka Maru," understood to be loading wood oil at Hankow was reported today as still in the Yangtze River. The vessel is understood to have about 2,000 tons aboard for the United States, the first oil coming through this route since the Japanese closed the port last year.

Vegetable Oils

Coconut.—A firm tone continued to prevail in the local market for crude oil. There was an active inquiry, buying interest being stimulated by developments in other oils and fats. Offerings were generally light, some sellers only accepting orders from regular customers. There were reports of sales in tankcars at from 4½c. per pound upward. Late in the week quotations were mainly nominal. Refined oil was firm with the inquiry more active.

SAN FRANCISCO, Sept. 19.—Coconut oil is strong today after being easier early in the week. What buyers declare to be a questionable status of the freight rate situation, plus a hesitancy on the part of suppliers to make firm offers, has resulted in a halting, spasmodic market in copra. The position firmed up a trifle today, after easing during the early part of the week. Business was said to have been closed earlier at 2c. per pound, c.i.f. Pacific Coast, with a figure of 2.20c. named today as the trading basis. Reports state supplies are fairly plentiful.

Corn.—The market for crude oil remained in a firm position. The inquiry was more active, buying interest being stimulated by developments in other commodities. Offerings were light, however, the course of competing product making sellers reserved. In a nominal way 6¾c. was quoted for tankcars.

Cottonseed.—Edible oil was firm, quotations being maintained by refiners at recently advanced levels. According to some reports, the inquiry showed a considerable increase.

Oiticica.—The market was stronger with the inquiry active. Business was hampered, however, by the smallness of offerings, supplies in some quarters having been cleaned up. Quotations were 1c. to 2c. higher, with the figures generally nominal.

Olive.—A firm tone continued to feature the local situation. Offerings of both denatured oil and foots were light throughout the week. Quotations on the former were 10c. or more per gallon higher, while foots were up ½c. to 1c. per pound, the figures being merely nominal, uncertainty concerning future supplies making sellers disposed to hold off.

Peanut.—The market remained firm with offerings light and quotations nominal. There was a good inquiry. A program designed to improve marketing conditions for peanut growers by diverting surplus peanuts of the 1939 crop to the manufacture of oil and by-products was announced from Washington. Under the program in effect for the 1938 crop approximately 126,000 tons were crushed for oil.

Perilla. — Quotations were steady, ranging from 13½c. to 14c. per pound for oil on spot in tankcars. There were reports of an increase in demand. Stocks in some quarters appeared to have diminished. The primary situation was reported as firm.

Soybean. — The market was steady with 6c. per pound quoted for crude oil in tankcars, prompt shipment from western production points, and 6½c. here. An increase was noted in the demand and there was also apparently some expansion in the movement to consumers on contracts previously placed.

Markets at Other Centers

Chicago, Sept. 22.—There has been some backing and filling in prices of the vegetable oils here in the last few days.

CORN.—Crude, low acid, 6⅞c. to 7c. per pound, partly nominal. Refined, edible oil, 8¾c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

PEANUT.—Crude, mills, September-forward, 6½c. to 6¾c. per pound.

SOYBEAN.—Crude, mills, 5c. to 5⅛c. per pound, October-forward.

The market for soybean futures on the Chicago Board of Trade was more active, commission houses being more prominent in the trading and cash interests also being reported as good buyers on easy spots. Prices were irregular with grain. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Sept. 22.	Closing Sept. 15.
October	.83¾	.80¾	.83¾	.82¼
December ...	.84	.81	.84	.82½

San Francisco, Sept. 19.—Firming, and tending to go back into a higher ground once more after a week marked by a general settling accompanied by price recessions, vegetable oils reacted in a bullish way here today following Hitler's speech this morning. The day brought out renewed interest in most all vegetable oils, with the usual prompt and nearby shipment positions getting most of the attention.

BABASSU.—Babassu nut oil is quoted on the basis of 6⅝c. per pound in tankcars, f.o.b. mills, Pacific Coast.

OITICICA.—Quoted on the basis of 19c. per pound in drums and/or tankcars, f.o.b. Pacific Coast for spot shipment or future delivery from Brazil.

COTTONSEED.—Cottonseed oil, domestic bleachable, is quoted at 7½c. per pound in tankcars, after sales during the week at 7c. The market is strong.

PERILLA.—Perilla oil is quoted at 13¼c. per pound in tankcars, f.o.b. Pacific Coast for prompt or deferred shipment.

RAPE SEED.—Refined and denatured rapeseed oil is quoted on the basis of 6¾c. per pound in tankcars, f.o.b. Pacific Coast ports for forward shipment. Spot stocks are reported to be scarce.

TEASEED.—High acid teaseed oil is quoted on the basis of 13c. per pound in drums or tankcars, f.o.b. Pacific Coast ports.

Linseed Oil

Buenos Aires flaxseed prices sharply higher. Domestic markets irregular. Linseed oil, cake and meal higher.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND (*distilled*)
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CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

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Palm Oil Fatty Acids Corn Oil Fatty Acids
Lauric Acid Specialty Fatty Acids
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio - Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

Flaxseed.—DULUTH, Sept. 22.—Continued strong demand for No. 1 cash seed was shown in the Duluth flaxseed market this week, with handlers hiking the premium on top variety to 5c. over the Minneapolis December price compared with 3c. toward the end of last week. The higher premium resulted in a price of $1.81¾ for a No. 1 car, short, however, of the $1.85½ record established 10 days ago and representing the war-market peak. Carlot receipts continue to far outstrip the volume of one year ago and Duluth-Superior elevator stocks at midweek exceeded 1,160,000 bushels.

The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.78	$1.72
Monday	1.77	1.70
Tuesday	1.77	1.68
Wednesday	1.82	1.73
Thursday	1.84½	1.73
Friday	1.93	1.80

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	465,735	130,352	340,517	126,528
Since Aug. 1...	1,996,138	1,091,622	602,123	466,779

MINNEAPOLIS, Sept. 22.—Flaxseed receipts here have been dwindling steadily and today's total was the smallest in a long period. In fact, shipments exceeded receipts for the first time on the crop and although elevator stocks still are increasing as crushers unload their purchases a change is expected to come soon as mills are running 100 percent and are using up a lot of flax from day to day. Elevator stocks increased 290,000 bushels in four days compared with an increase of 20,000 bushels in the same period a year ago.

There has been no lack of demand for cash offers at any time and premiums over December futures gained a cent for spot offers. Arrive bids held unchanged at 1c. over. Arrive offers are smaller than they have been comparatively and the crest of the big harvest movement has passed at an unusually early date. To date about two-thirds of production has been received at terminals and a greater total has left the hands of producers. Interior elevator stocks are not large because farmers still are storing their wheat against government loans and interior elevator space is wanted for that purpose to a large extent.

However, farmers have reached a point in their flax marketing where they are now inclined to hold back for possible advances on war news so more orderly selling is expected from now on.

A rather unusual situation has developed in that farmers are storing a fairly large proportion of their present deliveries. In the past week flax that was put in transit during the bulge in prices was diverted to storage for the accounts of farmers and shippers. Crushers are storing it for 1c. a month and most of them are glad to do so because they will have first call on it when it is offered for sale. Today there was very little flax offered for sale and as far as known none of the stored seed has been offered out as yet.

Cash interests have been buying some seed in the past ten days for dockage and are offering crushers some competition. Shipping advices from the country are falling off steadily and currently are very small in volume.

Buying of diversion point flax has been good of late and it is estimated that eastern mills have taken about 500,000 bushels, part of which already are in transit over the lakes and part that will be shipped as promptly as possible. There is still a good demand at diversion point but crushers want the flax here.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.76	$1.72	$1.74
Monday	1.74	1.70	1.72
Tuesday	1.72	1.67½	1.70
Wednesday	1.78	1.73	1.76
Thursday	1.81½	1.76	1.78½
Friday	1.90	1.86	1.86

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	366,800	156,540	193,200	25,500
Since Sept. 1...	1,960,000	865,120	422,800	51,280

WINNIPEG, Sept. 22.—The market for flaxseed futures was irregular with grain. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.71¼	$1.72	$1.64
Monday	1.66⅜	1.67	1.62½
Tuesday	1.66⅜	1.67	1.62¾
Wednesday	1.68⅜	1.69	1.63¾
Thursday	1.75	1.75½	1.66
Friday	1.85	1.85½	1.76

BUENOS AIRES, Sept. 22.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturday	$1.27½	$1.11⅝
Monday	1.27⅝	1.11⅝
Tuesday	1.28⅝	1.09⅝
Wednesday	1.37⅛	1.08⅞
Thursday	1.47⅛	1.10¼
Friday	1.45	1.09⅞

Exports

	Bushels		
To—	Last week.	Previous week.	Last year.
United States	240,000	.....	.....
United Kingdom	106,000	563,000	4,000
Continent	197,000	374,000	417,000
Orders	98,000	24,000	150,000
Others	31,000	8,000	31,000
Totals	672,000	969,000	602,000

Since January 1

	Bushels	
To—	This year.	Last year.
United States	11,527,000	9,018,000
United Kingdom	2,169,000	1,118,000
Continent	19,529,000	18,775,000
Orders	8,042,000	7,298,000
Others	2,504,000	1,670,000
Totals	43,771,000	37,879,000

Visible Supply

	Bushels.
Last week	3,543,000
Previous week	3,543,000
Last year	3,937,000

Linseed Oil.—A sharp advance in flaxseed prices in the Buenos Aires market was reflected in a stronger linseed oil situation here, prices being raised by crushers to 9.8c. to 10.4c. per pound in tankcars, according to seller. Domestic trade showed an increase as a result of the upturn in flaxseed prices and various others commodities, and an increase was also noted in the volume of export inquiries although actual sales for shipment abroad were apparently not on a very important scale. There was a liberal movement to domestic consumers and dealers on contracts previously placed.

Cash flaxseed met with a good inquiry in domestic centers and offerings were readily absorbed. Receipts at terminal points showed a further decrease and the country movement was also lighter. Trading in flaxseed futures in the Northwest was active with frequent sharp fluctuations in prices, the changes being mainly in company with the course of the grain markets.

The first official estimate of the area under flaxseed in Argentina for the new season put it at 7,410,000 acres. This showed an increase of 12 percent over the previous season when the area was smaller than usual, so that the indications apparently are for an acreage of about normal proportions.

The shipments of flaxseed from India this week were not published in the usual form, the figures being cabled as 116,000 bushels for Europe and nothing for non-European ports.

MINNEAPOLIS, Sept. 22.—Although some of the larger buyers have contracted for the bulk of their estimated requirements of oil up to next June 1 there still is a fair business progressing. Sales during the past week proved erratic but showed liberal total for the period. There still is some inquiry for fill-in lots needed in the near future and generally speaking crushers have nothing to complain of regarding the season to date.

The war situation has had definite influence on the demand and brought in a number of large contracts. This influence is expected to continue. Advices from Washington suggest that this country is virtually messed up in the war already and does not know it. This would account for some of the heavy orders placed by manufacturing interests.

Currently the demand is coming from the smaller consumers and paint mixers. Warehouse business is good because of beautiful weather conditions prevalent. There is some interest shown by smaller buyers in more distant deliveries. This no doubt is due to the fact that larger buyers have contracted for so large a proportion of the supply that can be made from domestic flax production.

Shipping instructions are very good and the out movement is heavy, more than double that of a year ago. Mills are running 100 percent of capacity and some are behind in filling their instructions. No let-up in instructions is expected until there is a change in the color of political news abroad.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	3,720,000	2,119,886
Since Sept. 1	10,680,000	5,999,335

SAN FRANCISCO, Sept. 19.—With the tankcar market rising up to 9.5 cents during the past week, linseed oil has been moving around in checkerboard fashion. Quotations at the close of business today, with 9 cents named for tankcars, are identical to those of a week ago, but in the meantime the market has been moving up and down, with the card price at 9.5c. during the period. Sales were said to have been consummated at 9.4c. Drum lot business has been very good. Quoted: —Tankcars, 9c. per pound; drum lots ex mill, 9.6c.; drum lots ex warehouse, 10c.

CHICAGO, Sept. 22.—Linseed oil business has held up in fairly good volume. Ruling prices are:—Tankcar, 9.3c. per pound; barrels, car lots, 9.9c.; barrels, less than car lots, 10.3c.

Cake and Meal.—The local market was stronger, cake being advanced $1.50 and meal $1 per ton. The export movement of cake showed a considerable increase. Domestic trade in meal was also more active.

MINNEAPOLIS, Sept. 22.—Crushers are well sold out for linseed meal for the period ending December 31 and are holding back. Resellers are offering quite freely but find a ready outlet for their supplies. Most of the distributors are putting away somewhat of a reserve supply and having started from scratch are still finding quick outlet to consumers large enough to prevent much accumulating.

Market tone is very firm to strong and crushers are not offering to sell important quantities of meal for the balance of this year. They look for a steady demand and probable enhancement of values in case of more serious war news. Resellers are feeling the market out from week to week and are not aggressive sellers, although they shade crushers' prices from 50c. to $1 per ton in making their deals, most of which are for quick delivery.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $34.50 to $35 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	6,520,000	2,748,975
Since Sept. 1	17,160,000	8,476,320

CHICAGO, Sept. 22.—Based on continuing active interest on the part of feeders and other buyers, the linseed meal market is firm. Ruling prices are:—Round lots, $34 to $35 per ton, largely nominal; car lots, $35 to $36; less than car lots, $37 to $38.

Cottonseed Oil

There were frequent fluctuations in refined oil futures in the local market. Trading was fairly active. Southern markets for cottonseed products were generally steady.

Cottonseed Oil.—Trading in refined cottonseed oil futures was fairly active last week. Sentiment was more or less mixed, and fluctuations in prices were frequent. There was further liquidation at times, but on the whole there appeared to be more disposition to buy than there was to sell, especially as political developments abroad seemed to indicate to not a few that the war in Europe might be of longer duration than many had recently assumed. Commission houses were on both sides of the market, but were regarded as buyers in the main, taking the Winter months. Hedging operations were apparently on a somewhat larger scale as the movement of seed to the mills increased, though pressure from this source was not very pronounced.

Lard futures displayed weakness at times, but commission houses bought that product on setbacks, and provision interests were credited with purchases of cottonseed oil here. There was further switching from near to distant positions. October was switched to December at 16 points difference, to March at 27 to 34 points, and to May at 36 points. December was switched to March at 15 points difference, January to March at 7 points and March to May at 6 points. Additional tenders on September contracts brought the total up to 76 for the month thus far.

Southern markets for crude oil were firmer. An increase was noted in demand for cash refined oil. Lard compound was more active and higher. Advances occurred in many vegetable, animal and fish oils, fats and greases, with offerings of both domestic and foreign products light on the rise. In many cases quotations for these commodities were merely nominal. Reports were current of an increased export inquiry for lard and tallow, as well as various other animal and vegetable products. Clearances of lard from Atlantic and Gulf ports for foreign destinations during the week ended September 16 were 6,600,000 pounds, bringing the total for the season to that date up to 165,752,108 pounds, against 138,466,441 pounds in the same time last season. Stocks of lard in Chicago decreased 19,046,591 pounds during the first half of September, against a decrease of 3,690,230 pounds in the same time last year. The total supply in that market on September 15 was 54,427,390 pounds, against 71,094,716 pounds last year.

The weekly government weather and crop report stated that in Texas cotton made only poor progress, except in scattered localities, with much blooming

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

ISOLINE

A dehydrated castor oil product supplied in M, Z, Z-2 or Z-3 body.

Produces colorless, color retentive varnishes and white enamels which, with proper resins, dry in four hours, and also baking enamels with the same color retentive characteristics.

ISOLINE FATTY ACIDS

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Chemical Division HARRISON, N. J.

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MEMPHIS, TENNESSEE

PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS

Members—Memphis Merchants Exchange (Futures in Cottonseed Meal) New York Produce Exchange (Futures in Cottonseed Oil)

District Representatives

JAMES LOVATELLI & CO., 2 Broadway, New York City

Codes: Yopps, Robinsons, Bentleys, A.B.C. 5th Edition, Heinrich

at the top and premature opening and shedding in the central areas. In Oklahoma cotton deteriorated or made only poor progress. In the central states progress and condition of the crop were mostly good. In the eastern belt favorable weather promoted rapid opening and maintenance of the crop condition.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 16 to September 22, inclusive, comprised 1,326 contracts, a total of 79,560,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.60	7.05	7.60 sale
March	7.80	7.10	7.75 sale
May	7.90	7.24	7.85 sale
October	7.40	6.90	7.40 sale
December	7.59	6.94	7.53@7.55

Crude, Southeast, .06¼c. Nom.

Chicago, Sept. 22.—Buyers continue rather friendly to the cottonseed oil market. Amounts of material involved in current business are fairly substantial. Good, off-Summer, yellow fig oil is 7½c. per pound. Refined, edible oil is 9¼c. to 9½c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

Cake and Meal.—A steady or firm tone was noted in Southern markets. There were reports of an increased export inquiry. Domestic trade was also reported as more active. Offerings continued light.

Markets at Other Centers

Atlanta, Sept. 20.—The cotton crop in the Southeast has matured quickly and bolls are reported open throughout the cotton belt. The weather for harvesting has been good for the most part, and picking and ginning are reported quite active.

Meal of 8 percent grade is still quoted at $27 to $27.50 per ton at Southeastern mills, and prime crude oil at 6.25c. to 6.50c. per pound.

Memphis, Sept. 22.—Active trading in crude cottonseed oil this week at 6c., Valley basis, with 6⅛c. now bid. Most mills closely sold up against seed holdings. Offerings light. Seed receipts at the mills continue under normal as shippers are expecting higher seed prices. Considerable storing of seed at production point. Meal firm at $27 per ton for 41 percent, prompt shipment, Memphis basis. Bulk cake $24.50 per ton for 41 percent, Valley points, September shipment. Hulls $5 per ton, f.o.b. mills. Weather fair and somewhat cooler. Picking continuing rapidly.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 14.	September 21.
September	$27.00@28.00	$26.75@——
October	26.65@27.00	25.90@26.50
December	25.75@26.25	25.40@25.60
January	25.60@26.25	25.25@25.60

Washington, Sept. 20.—Quotations on cotton linters, ranged during the week ended September 16 from 1½c. to 4¾c. per pound, according to grade, f.o.b. mill points, uncompressed. While some quarters indicated that since the linters market was so unsettled during the past week it was more or less impossible to give true lint values, prices reported on practically all grades averaged higher than for the previous week, and a strong market was said to prevail, assignments being mostly domestic.

Fatty Acids

Capric Acid.—The market was firmer, quotations being advanced about ½c. per pound. The inquiry was more active, a considerable increase in the volume of orders being reported in some quarters.

Coconut Oil.—This fatty acid met with a good inquiry from makers of soaps and shampoos as well as other consumers, buying interest being stimulated by the strength of basic material. Prices were 1½c. higher.

Cottonseed Oil.—Quotations were advanced one cent, the strength of the market for this fatty acid being a reflection of recent developments in raw material and an increase in demand.

Palm Oil.—Demand for this fatty acid showed a considerable increase, the withdrawal of offerings of basic material stimulating interest on the part of consumers. Quotations were ¾c. higher.

Red Oil.—Quotations were advanced ½c. to the basis of 8½c. per pound in tankcars, the rise being due to the upward trend of basic material. Demand was more active.

Stearic Acid.—Quotations were up ½c., making the basis for double-pressed 12½c. per pound in car lots. The rise was due to a further advance in basic material. Business was reported as active.

Markets at Other Centers

Chicago, Sept. 22.—A strong market tone is being maintained in the fatty acids market here, with buying brisk.

FATTY ACIDS.—Corn oil, double distilled, 8¾c. to 9c. per pound, tankcar; 9¼c. to 9½c., barrels, car lots; 9¾c. to 10c., barrels, less than car lots; coconut oil, acidulated, 8¾c. to 9c. per pound, tankcar, mostly nominal; 9¼c. to 9½c., barrels, car lots; 9¾c. to 10c., barrels, less than car lots; cottonseed oil, double distilled, 8c. to 8¼c., per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4½c. to 4¾c.; cottonseed foots, 50 percent basis, 2c. to 2⅛c.

STEARIC ACID.—Distilled, single press, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

Fish Oils

Menhaden.—Refined oil remained in a firm position, with quotations ½c. per pound higher in some instances. Demand was more active, an increase being noted in the call from local and other buyers. Supplies in the hands of many consumers had apparently dwindled to unusually small proportions and prompt shipments were requested. Crude remained firm with offerings light and quotations nominal.

Sardine.—Demand for refined oil was more active in the local markets, and quotations were revised upward ½c. per pound. The market for crude oil on the Coast was reported as firm, with offerings light and quotations nominal.

Sperm.—The market was firmer, quotations being raised ½c. per pound. There was a good demand from local and other consumers and dealers.

Markets at Other Centers

Baltimore, Sept. 20.—There were intimations that the producers of crude menhaden oil were asking as much as 34c., but trading seemed to be at a standstill, and even the higher figure did not give rise to talk about readiness to sell for the reason that the fishing companies had no oil in excess of the commitments already entered into. As for its plants down the Chesapeake Bay, they were reported to be getting offers of 31c. per gallon, but would not accept them, they being much in the position of the North Carolina factories. Just what figure would prove tempting enough to bring out oil appeared to be in doubt. At any rate, the producers feel that by holding off on such stocks as they already have or are still able to get, they will benefit by prices higher than any of those that have been mentioned. The fishing has been fairly good at least during a part of the week, and the fishing companies have been encouraged to continue at work, with the fish yielding a good proportion of oil, and with weather conditions generally favorable for operations.

San Francisco, Sept. 19.—With the San Francisco labor situation still in a stalemate, Monterey Bay fish oil reduction factories finally got under way last week and by today the first few thousand gallons of oil out of the new California season were in tankcars and were rolling rapidly towards their destinations. In the meantime, since last week, the market had fallen, then recovered and late today the position of sellers appeared to be stronger than ever, with 36c. per gallon now pegged as the price on oil. Business passed during the week at 33½c., it was learned in reliable trade circles.

Of prime importance in the trade was the reported fact that boats had left the northern waters entirely and that oil reduction operations in Oregon and Washington were washed up for the season, leaving many thousands of gallons of oil undelivered. It was learned that not one pound of fish had been landed in either Oregon or Washington since August 18.

Fishing in the Monterery section was progressing in very favorable fashion following a settlement with shore plant help and representatives of the fishing fleets. Fishermen are receiving their $11 per ton rate, a figure the plants will be able to pay provided the current market holds up.

In the San Francisco Bay section the situation is not so favorable. Internal union differences, not pay rate, is the present factor attributable to the failure of fishing to get under way. It is reported that fishermen, working under the C.I.O. are dissatisfied with the presence of A. F. of L. labor in the shore plants and for that reason are refusing to sign up with the operators.

In Monterey, the fishermen as well as the plant labor are operating under the A. F. of L.

How much oil was traded last week was not definitely learned. There was a fair amount of interest present and oil moved as high as 35c., but the buying trade, at a late hour today, had not followed the advanced ideas of producers at the 36-cent level.

About 12,000 tons of fish have been turned in to the Monterey plants since the start of operations last week.

Fats and Greases

Grease.—A firm tone continued to prevail in the local market, quotations in some instances being advanced ¼c. to ½c., with offerings light at the rise. There was a good inquiry, but transactions were curtailed by the inadequate supplies.

Lard.—Cash prices were irregular in the local market in company with developments in futures at Chicago where trading was more active. There were reports of an increased export inquiry though clearances on old contracts showed some falling off. Domestic trade was more active.

Stearin.—The price trend was again upward. There was a good inquiry and sales were reported at an advance of about ½c. as compared with the previous week.

Tallow.—The local situation continued to be featured by a firm tone. An increase was noted in the inquiry from domestic and foreign buyers. Business was hampered, however, by the smallness of offerings, sellers still being reserved and disposed to await further developments in other commodities. There were reports of transactions, however, at 6¾c. per pound for extra, with higher views as to values prevailing in some quarters.

Trading in tallow futures on the New York Produce Exchange from September 16 to September 22, inclusive, comprised 6 contracts, a total of 360,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
November	6.50	6.50	6.90 bid
December	6.60	6.60	6.95@7.25

Markets at Other Centers

Chicago, Sept. 22.—After some respite, a recurrence of stronger market tone is in evidence again in the cash lard market and in the related items. Business has been fairly good.

The range of lard quotations from the opening Saturday, September 16, to the close Friday, September 22, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.20	$8.20	$8.05	$8.10	$8.00
October	7.80	7.82	7.47	7.75	7.72
December	7.60	7.80	7.39	7.67	7.45

TALLOWS (tierces).—Edible, 7½c. to 7¾c. per pound; prime, 6½c. to 7c.; fancy, 6½c. to 6¾c.; special, 6c. to 6¼c.

GREASES (tierces).—Choice white, 6½c. to 6¾c. per pound; A white, 6¼c. to 6½c.; B white, 6c. to 6¼c.; yellow, 10-16, 5¾c. to 6c.; yellow, 16-20, 5¾c. to 6c.; brown, 5¼c. to 5½c.

STEARINS (barrels).—Prime oleo, 8c. to 8¼c. per pound; lard, packaged, 9¾c. to 10c.; white grease, 6¼c. to 6¾c.; yellow grease, 6c. to 6¼c.; oleo stocks, 9½c. to 9¾c.; No. 2 stocks, 9c. to 9¼c.

Animal Oils

Lard.—The market here was much stronger owing to increased cost of production. Quotations were advanced 1c. to 2c. per pound. An increase was noted in demand from local and other consumers.

Neatsfoot.—Quotations were advanced 1¼c. to 3¼c. per pound, as to grade, the upturn being due to recent increase in prices for basic material. Demand was more active.

Oleo.—The trend was still upward, prices being raised 1c. per pound, with the figures nominal at the advance owing to the smallness of supplies. A good inquiry was noted.

Tallow.—Recent developments in raw material were reflected in an advance in quotations on tallow oil of 1¼c. per pound. Demand was more active.

Markets at Other Centers

Chicago, Sept. 22.—Advancing price tendencies are reported in the animal oil market here. Buying has been of fairly generous proportions.

LARD.—No. 1, 9c. to 9½c. per pound.

OLEO.—No. 2, 9c. to 9½c. per pound.

TALLOW.—Acidless, 7¾c. to 8c. per pound, tanks; and 9c. to 9¼c., barrels, less than car lots.

—Continued on page 62

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

TALL OIL
90-92% SAPONIFIABLE
(About 45% Rosin Acids, 45% Fatty Acids)
Prompt Delivery Ex-Warehouse, New York
A. J. RIMBERG COMPANY
117 LIBERTY STREET, NEW YORK
Specialists Since 1920

Quality
SHELLAC
FOR BETTER
NO RUBBING WAXES
No. 65 EXTRA WHITE REFINED BLEACHED SHELLAC
Especially dewaxed and processed. Lower acid number aiding quick solution and requiring less alkali, thereby producing more durable, more waterproof and higher gloss finishes.
Working Samples Sent Upon Request
THE MANTROSE CORPORATION
136-146 41st Street : Brooklyn, N.Y.
Agents in Principal Cities
Cincinnati, Ohio—E. J. Moriarty
Boston, Mass.—M. F. Robie
Philadelphia, Pa.—Frances Patterson
Rochester, N.Y.—J. E. McManus,
Chicago, Ill.—Harry Holland & Son, Inc.
Cleveland, Ohio—J. H. Hinz Company
Baltimore, Md.—William McGil
St. Louis, Mo.—Phil. A. Sullivan Sales Co.
San Francisco—E. M. Walls
Los Angeles, Calif.—S. L. Abbot, Jr. Co.
Danbury, Conn.—J. L. Pike
Canada—Harrisons & Crosfield, Ltd.
Montreal, Toronto and Vancouver

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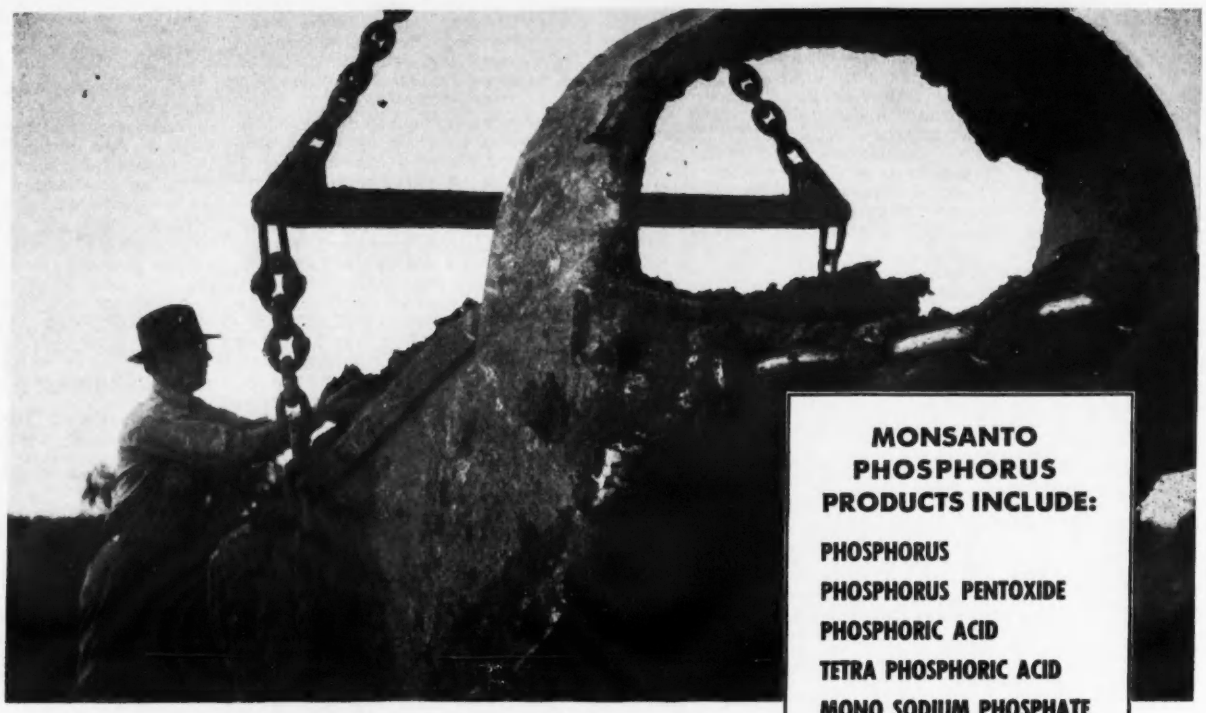
with Better Phosphoric Acid and Phosphates



Examining for quality, this engineer samples the phosphate ore as scooped from the mine

SETTING a new standard for strength and purity, Monsanto phosphoric acid and phosphates assist in the manufacture of better products in varied industries . . . from soap to steel, from agriculture to leather.

These high quality phosphorus derivatives are made possible only through Monsanto's production of pure, high grade elemental phosphorus in the electric furnace at the Monsanto, Tennessee plant.

Thus, as the nation's largest producers of elemental phosphorus, Monsanto is able to combine its research and experience to manufacture better phosphoric acid and better phosphates for industry. MONSANTO CHEMICAL COMPANY, Phosphate Division, St. Louis, U. S. A. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, London.

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- PHOSPHORUS PENTOXIDE
- PHOSPHORIC ACID
- TETRA PHOSPHORIC ACID
- MONO SODIUM PHOSPHATE
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- TRI SODIUM PHOSPHATE
- MONO AMMONIUM PHOSPHATE
- DI AMMONIUM PHOSPHATE
- MONO CALCIUM PHOSPHATE
- DI CALCIUM PHOSPHATE
- TRI CALCIUM PHOSPHATE
- POTASSIUM PHOSPHATES
- TETRA SODIUM PYROPHOSPHATE
- TETRA POTASSIUM PYROPHOSPHATE
- FERROPHOSPHORUS

MONSANTO CHEMICALS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

Drugs, Fine Chemicals

Quicksilver and Mercurials Advance Continue—All Tartar Products Higher Again—Thymol Rises—Menthol Up—Castor Oil More Expensive—General Demand Normally Active

The price trend in drugs and fine chemicals continued upward last week but there was less activity in values than in the previous trading period. The current volume of demand was declared to be steady and along lines normal to the market as a whole. Changes in quotations were directly the result of increased costs of production based on raw materials obtainable only at higher prices.

While quotations on items supplied this market most frequently by Europe —more especially by Germany—showed special strength, advances in quotations were not continued last week. There was obvious strength in the position of such materials but it was pointed out that there can be no question of consumers experiencing real shortage no matter how long war lasts in Europe. Given the necessity, domestic fine chemical manufacturers are prepared and equipped to meet practically every domestic requirement. At this writing, no actual shortages in such materials exist and supplies are assured probably long before stocks of foreign made goods reach a dangerous low. It is all a matter of cost to produce.

While desire to speculate could be found in the market, it was significant that leading manufacturers scanned all orders closely. Buyers with definite manufacturing needs got what they needed readily. Where orders were sharply larger than normal purchases, actual need had to be shown to get the goods. It was clear that the domestic drug and fine chemical industry was seeking a stabilized market based on actual production cost and a normal return to producers. The trade as a whole showed commendable calm, which was full evidence of the maturity of judgment and policy now governing leaders in the industry.

Acid, Acetylsalicylic.—Leading producers seek stabilization at current quotations until such time as actual change in the cost of production may force a strictly parity change in official quotations. Demand was about normal last week.

Acid, Citric.—Quotations in force October 1 are pledged by the leading makers to remain unchanged for one year. Thus is confidence and stabilization brought to a market that, in the last war, was subject to wide swings in prices.

Acid, Gallic.—Quotations have been placed on a purely nominal basis by the leading makers of N.F. material. This was the effect of war on raw material costs and the uncertain prospect as to future stocks of the same.

Acid, Pyrogallic. — Open quotations were unchanged, but they were definitely nominal and made without offer. Future cost of production has to be established and assurance of a continuing supply of raw material.

Acid, Tannic.—Open quotations were nominal because of the uncertain future of production costs and raw material

Acid, Tartaric. — Leading domestic producers raised prices 2c. per pound, establishing a market at 31¼c. per pound for crystals, powdered, or granular material in deliveries of 10,000 pounds, one shipment. Smaller quantities were 31¾c. The above was for barrel packing. Kegs cost ½c. more. supplies.

Alcohol.—General undertones were very firm. Practically all contract business in completely denatured material had been done before the advance in quotations last week and under terms that covered requirements to March 31. The new and higher quotations now in effect are good only to the end of this year. Anhydrous S.D. No. 1 now commands 3c. per gallon more than the 190-proof material. Demand for specially denatured alcohol in most formulas was reported very good. Comparative statistics on pure and denatured ethyl alcohol for July-August in 1938 and 1939, as prepared by the Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Ethyl Alcohol

	Proof gallons 1939.	1938.
Production	36,181,241	33,791,447
Withdrawn, tax paid	3,544,529	3,274,424
Tax free	30,509,656	27,364,743
Stocks, August 31	32,918,657	35,176,374

Denatured Alcohol

	Wine gallons 1939.	1938.
Completely		
Produced	1,123,660	2,805,416
Removed	1,009,151	2,686,114
Stocks, August 31	767,661	815,066
Specially		
Produced	15,502,733	11,750,694
Removed	15,588,098	11,622,213
Stocks, August 31	1,239,265	606,899

Bonded Dealers

	Wine gallons 1939.	1938.
Specially denatured—		
Received from denaturing plants	509,557	557,158
Disposed to bonded manufacturers	617,095	559,480
Inter-dealer shipments	12,776	8,137
Stocks, August 31	268,094	276,767

Aloe.—Prices were strong and advancing with stocks reported moderate in size and replacement costs rising steadily as importers sought further shipments. Barbados were not quoted; Cape was 25c. to 29c.; Curacao, 50c. to 55c.; Socotrine, 50c. to 56c.

Aloin.—In view of the course of raw material prices, higher quotations on aloin seemed to be inevitable and throughout the past week the market showed considerable expansion in strength.

Bismuth Metal and Salts.—The London price on metal was advanced recently. No change was made in domestic circles but the market was understood to be very steady under a good request. Salts were well maintained in price by the current call for spot deliveries.

Brucine.—No further advance came in prices but the market was very firm at the recent rise even though demand did not press for more than normal quantities of material.

Cadmium. — Bromide and iodide were firm in price and in normal request. Metal was strong, sellers caring usually for regular customers and leaving a margin of request that would make resale material command a premium over firsthand transactions.

Camphor.—The market was strong and because domestic makers of synthetic material were unable to supply the total of home requirements of camphor, those with Japanese material in hand were able to command 70c. to 75c. per pound for powder or slabs, and 75c. to 80c. for tablets.

Castor Oil.—Producers advanced quotations ½c. per pound on technical and medicinal oil, while a 1c. rise in the cost of dehydrated oil was made. Technical in tanks was priced at 8½c. per pound; medicinal, 9c.; dehydrated, 12.5c. The full schedule appears in the Prices Current.

CHICAGO, Sept. 21.—Demand for castor

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arecoline hydrobromide, $1.45 per oz.
Acid, tartaric, 2c. per lb.
Aloe, Cape, 6½c. per lb.
Curacao, 7c. per lb.
Socotrine, 7c. per lb.
Castor oil, technical, ½c. per lb.
medicinal, ½c. per lb.
dehydrated, 1c. per lb.
Calomel, 60c. per lb.
Corrosive sublimate, 50c. per lb.
Cream of tartar, 1½c. per lb.
Camphor, natural, slabs, 7c. per lb.
powder, 8c. per lb.
tablets, 7c. per lb.
Diacetyl, $1 per lb.
Menthol, natural, 10c. per lb.
Mercury oxide, yellow, 40c. per lb.
red, 50c. per lb.
Quicksilver, $10 per flask.
Rochelle salt, $1 per lb.
Seidlitz mixture, ¾c. per lb.
Sulfanilamide, 25c. per lb.
Thymol, 10c. per lb.
White precipitate, 40c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
194.1	191.8	182.6	182.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

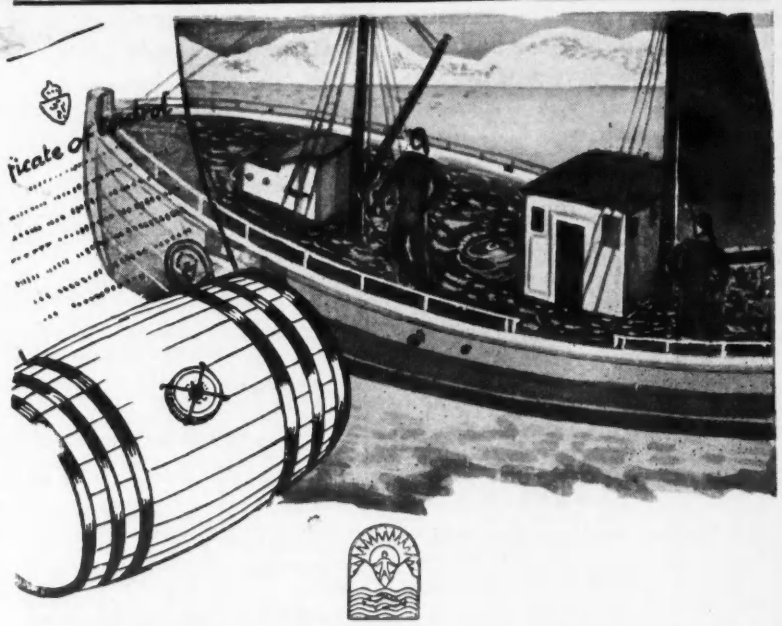
PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N. Y.
MUrray Hill 6-1990

VITAMIN PRODUCTS
FISH LIVER OILS
ATLANTIC COAST FISHERIES CORP. OF N. Y.
111 JOHN STREET, NEW YORK, N. Y.

COLLODION
U. S. P. and FLEXIBLE
CHARLES COOPER & COMPANY
6 Mulberry Street New York, N. Y.

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.



NORWAY'S MOST IMPORTANT

fisheries are the cod fisheries which are carried out in a cold and healthy climate. The fishing takes place close to the shore, and this has the advantage that preparation of the cod and cod products can be commenced immediately after the fish have been taken from the sea.

From the cod livers is extracted Norwegian Medicinal cod liver oil, which is world famous for its quality.

Norwegian medicinal cod liver oil is a quality product created by the experience of hundred of years, and unanimously recognised by modern medicinal and nutrition science as a sure, constructive, strengthening and healing product, hygienically manufactured, conscientiously packed and Government controlled for export.

NORWEGIAN COD LIVER OIL
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SEP 1939
XUM

HERE'S HOW TO REACH YOUR GOAL —QUICKLY

The field of Glyco products is almost as broad as the field of chemical and industrial engineering itself. The Glyco catalogue has always served as a "suggestion book" and reference manual. Today the European situation has cut off markets and made many supplies either impossible to obtain or very expensive. The Glyco catalogue suggests a number of materials which have been used by manufacturers to replace imported products very successfully. The new edition just off the press has been indexed and annotated by industry and use, as well as by product. It will help you reach your goal quickly. One of several sections is devoted to:

GLYCOL and GLYCERYL ESTERS

Diglycol Laurate S
Diglycol Oleate S
Diglycol Stearate S
Glyceryl Oleate S
Glyceryl Monoricinoleate S
Glyceryl Monostearate S

Also Sorbitol and Mannitol Esters of the above fatty acids, as well as Methyl Oleate and Methyl Stearate.

To illustrate: Among the uses indexed for the above products are:

Abrasives and grinding wheels
Anti-foaming agents
Castor oil (replacement)
Coatings (paper)
Cosmetics, creams
Cooking oils
Ceramics, insulating
Cutting and spraying oils
Dental waxes
Dyestuff solvent
Dry cleaning
Disinfectants
Emulsifying agents
Hand lotions
Hair dressings
Insulating
Leather finishes, lubrication
Lubrication
Ointments
Paper and cardboard lubrication
Polish (automobile, shoe, furniture)
Pharmaceutical salves
Pigment and abrasive suspension
Plasticizers and softeners
Synthetic oils
Solvents
Softeners
Suspending medium
Spring leaves lubricant
Surface tension (lowering)
Thickening agent
Textiles, (lubricating, finishing)
Temporary binder, clays
Vegetable gums, oils (replacement)
Waterproofing

WATERPROOFING

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GLYCO PRODUCTS COMPANY

148 Lafayette St. (Dept. 10) New York City

oil continues active. Prices were advanced ½c. September 16. Buyers are taking more than had been anticipated in some quarters. Inquiry is brisk. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 11¼c.. returnable drum, car lots, 9⅝c.; drums, less than car lots, 10¾c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10¾c.; drums, car lots, 9⅛c.; drums, less than car lots, 10¼c.; tanks, 8⅞c.

Codliver Oil. — The spot market ranged $40 to $50 per barrel. At the inside price, regular customers were being supplied and at the outside figure, open market trading was reported to have taken place. Stocks in some quarters seemed to have assumed a speculative tinge. Prices in Norway were almost nominal. That country, together with Iceland, Greenland and Newfoundland, must supply world needs for how long no one knows.

Cream of Tartar.—The producers' price was raised 1½c. per pound, making the new market 25¼c. per pound for either powder or granular material packed in barrels and delivered in quantities of 5,000 pounds, one shipment. Smaller lots in barrels became 25¾c. Keg packing costs ½c. more than the above figures.

Diacetyl.—A $1 per pound advance set the market at $11 minimum and the situation was believed to be exceptionally firm with demand reasonably active.

Glycerin.—Price and general market stability was maintained throughout the past week. Regular consumers of glycerin were getting everything they needed. Speculative buyers found it difficult to get goods under option to offer foreign countries. The intent of the glycerin producers was to let no legitimate domestic need go unsatisfied, at the same time preventing speculation and hoarding by outsiders seeking to profit by the international situation.

REFINED GLYCERINE

ALL GRADES
CHEMICALLY PURE—U. S. P.
CHEMICALLY PURE—B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE

Refineries Located at:

- Brooklyn, N. Y.
- Jersey City, N. J.
- Jeffersonville, Ind.
- Berkeley, Calif.
- Kansas City, Kans.

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202 W. Houston Street, New York

CHICAGO, Sept. 21.—Buyers of c.p. and other grades of glycerin in some cases seem to be still nervous over the question of adequate supplies. But the tension in this direction is less pronounced than recently, and there is less attempt at panicky buying. Sellers emphasize there need be no apprehension as to sufficiency of glycerin to meet all legitimate needs if buying is held down to rational basis. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Menthol.—Quotations were advanced to $3.10 to $3.20 per pound, the market responding to an accumulation of requirements and the presence of more activity generally. Undertones were firm and the tendency was still upward late last week.

Mercurials. — Prices were advanced very sharply, establishing quotations as follows: Calomel, up 60c. to a basis of $2.57 per pound; corrosive sublimate, $1.99 to $2.14, up 50c. per pound; white precipitate, up 40c. to a basis of $2.46 to $2.59; red precipitate, $2.66, a rise of 50c. per pound; and mercury oxide, yellow, an advance of 40c. to make the market $2.75.

Methanol.—The general position was one of sustained strength but also one lacking in demand exceeding the volume current in the market for some length of time. Prices were on the firm side at all times. Stocks were ample. Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of Census, Department of Commerce. The data include production figures for 27 manufacturers.

Production

	1939		1938	
	—Gallons—			
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan....	2,462,884	315,814	2,896,894	458,347
Feb....	2,267,339	336,117	2,299,609	408,930
March..	2,406,564	364,500	2,343,828	432,800
April...	2,276,385	389,423	1,975,999	314,664
May...	1,778,581	354,415	1,860,400	330,875
June...	2,295,288	343,992	1,629,570	293,091
July...	2,495,394	377,755	1,449,607	309,219
T't'ls.	15,982,435	2,518,056	14,446,907	2,547,926

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	—Cords—	
	1939.	1938.
January	33,353	44,874
February	31,715	40,001
March	33,353	43,281
April	36,176	31,429
May	33,857	32,873
June	35,592	31,053
July	36,049	29,354
Totals	242,043	252,868

Quicksilver.—At midweek, sales on the Pacific Coast were reported made at $150 per flask. On spot, asking prices late in the period were $160 to $165 per flask with sellers showing reserve and, in point of fact, the market appeared to be nominal. Production on the Pacific Coast has been stimulated vastly by the severe rise in values and hence there are those who think that the rise has about run its course until such time as actual consuming requirements shall force a sharp increase in the call.

SAN FRANCISCO, Sept. 19.—Continued advances in quicksilver carried this metal to the point yesterday where sales were reported made both here and in New York at $150 per flask. Late today, sellers declared their intention of holding for $160, as inquiry after inquiry was received from anxious consumers. The market moved upwards in jumps of $2.50 to $5 per flask on succeeding transactions. It was impossible to trace the amount of metal involved in the movement of business last week. Some new supplies were coming out of the spot position while in a few instances metal was reported to have been sold moderately ahead of production. Sellers were disinclined to go beyond the October/November position.

Quinine.—The trade naturally watched the foreign situation closely since what happens in Europe generally and in Holland specifically can well affect the future cost of this item. With war now transferred to the western front, news despatches have mentioned massing of German troops in the vicinity of Belgium and Holland. The market was normally active.

Rochelle Salt.—Prices were up 1c. and quotations governing deliveries of 5,000 pounds in one shipment were 19¾c. per pound in barrel packing; smaller lots, 20¼c.; keg packing cost ½c. more.

Seidlitz Mixture.—An advance of ¾c. made the price of 5,000 pounds, one delivery, packed in barrels, 16½c. per pound; smaller lots, 16⅝c.; kegs were ½c. over barrels.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	27⅝	36¼	22¼
Monday	28	36¾	22⅜
Tuesday	29	38½	23⅞
Wednesday	29	38½	23½
Thursday	29	38¾	23½
Friday	29½	39¼	23½

Sulfanilamide.—Quotations were advanced 25c. per pound, making the minimum price $1.25 per pound in 1,000-pound lots; 100-pound lots, $1.30; 5-pound bottles, $1.65. This was to cover production costs and excellence of demand.

Thymol.—Producers raised quotations 10c. per pound, making the market $1.50 per pound in 100-pound lots, and $1.55 to $1.60 for lesser amounts. The cost of production has risen sufficiently to require the advance.

Phila. Drug Exchange Fall Outing Oct. 4

The Fall outing of the Philadelphia Drug Exchange will be held at the Cedarbrook Country Club October 4. Dinner will be served at 7 p.m., after which there will be entertainment and the awarding of golf prizes. The charge is $3 per person, which includes everything with the exception of green fees of $1.50 for those who play golf. R. G. Anderson, of Merck & Co., 916 Parrish street, Philadelphia, is chairman of the entertainment committee.

Drug Selling Course Opens October 2

The evening course at Columbia University, this city, in the merchandising of drug products will open October 2. This is an evening course, and the lectures will be given every Monday, beginning at 7:40 p.m., until January 29, in room 509, School of Business building.

This course comprises principles and methods used in the profitable distribution of the various types of goods customarily distributed through the drug trade. It is conducted by Dr. Paul C. Olsen.

Registration was started September 22; enrollment is with the registrar of the university, 315 University hall. The university fee is $5; the tuition fee, $25.

McK.&R. Sales Up

Total net sales of McKesson & Robbins, Inc., in August increased 5.10 percent over the corresponding month of 1938 according to preliminary figures issued by William J. Wardall, trustee. Sales for the month were $11,674,638 compared to $11,107,907 for August of last year. Sales of the company's drugs and sundries division for August were up 2.01 percent over August, 1938, being $8,807,356 against $8,634,137. Accumulated total net sales of McKesson & Robbins for the eight months of 1939 were $93,673,536, according to preliminary figures, compared to $92,276,921 in the same period of 1938, an increase of 1.51 percent.

Welcke Back from Europe

W. A. R. Welcke, first vice-president and treasurer of Fritzsche Brothers, Inc., this city, and Mrs. Welcke arrived from Europe September 18, completing a cruise to the North Cape and a tour of Denmark, Scotland, France, Switzerland and Italy which they commenced early in July. Their scheduled embarkation on the Conte di Savoia was cancelled and it was some weeks before return passage aboard the steamship Washington from Southampton could be secured.

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NO synthetic crystalline Vitamin B_1 is used either in the manufacture of—or to fortify—our Type 200-B Yeast.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

F.W.D.A. Secretaryship Held Open

—Continued from page 5

A contribution of intense interest was that on "Taxation," at yesterday's session, by Ernest I. Kilcup, president of the Davol Rubber Company. Mr. Kilcup presented informative data on national income, tax collections, governmental spending, and public debt to illustrate the necessity that businessmen and all other citizens be constantly conscious of their tax burden and become active in spreading instruction on the wastefulness of certain popular forms in which taxes are put to governmental use. He urged strongly that all business men regard study and exposition of tax methods as a prime duty.

The association elected the following officers:—

President, Sidney C. James, of the Ellicott Drug Company, Buffalo, N. Y.

Vice-president, W. W. Stephens, of the Drug Trading Company, Toronto, Ontario.

Treasurer, O. J. Schmitz, of the Snowden-Mize Drug Company, Atchinson, Kans.

Sergeant-at-arms, Paul Pearson, Washington, D. C.

Members of the executive committee, George A. Raab, of the Providence Wholesale Drug Company, Providence, R. I., chairman; J. J. Dreyer, of the New Jersey Wholesale Drug Company, Newark; Paul Pearson, Washington, D. C.; O. W. Osterlund, of the Philadelphia Wholesale Drug Company, Philadelphia; and O. J. Cloughly, of the St. Louis Wholesale Drug Company, St. Louis.

The office of secretary, vacated by the death last April of R. E. Lee Williamson, who had served in that capacity since the organization of the association, was not filled by election, the selection of a secretary being left to the executive committee.

The associate members elected William Barry, of the Mallinckrodt Chemical Works, chairman, and S. B. Penick, sr., of S. B. Penick & Co., treasurer of their division for the coming year.

Tribute to the memory of Mr. Williamson and to that of J. H. Marshall, a former president who died during the year, was feelingly voiced by several active and associate members in a memorial service at yesterday's session.

Attendance at this year's meeting set a new high record. The innovation of meeting at a place other than a large city has been evidently satisfactory. The entertainment side of the meeting was elaborate.

A more detailed account of the business sessions and the entertainment will be printed in the Reporter for October 2.

Quinine Sulphate Labeling Scrutinized by F.D.A.

—Continued from page 5

extinct and since the water content of such quinine is apt to vary so that a declaration of percentage of water is not accurate.

In some cases action has been taken against quinine sulphate on the ground that the package is slac-filled. In some cases this is due to the fact that water of crystallization evaporated during shipment resulting in a reduction in volume, but some seizures have been made of quinine in bottles with excessively thick walls or with large corks extending deep into the bottle and displacing the quinine.

Oil Trades Golf Cup Won by J. P. McFadden

The Oil Trades Association of New York held its annual sports outing at the Pelham Country Club, Pelham Manor, September 19. About 150 members and guests were present. This number was not as large as expected, the activity in the market for vegetable oils and the recent National Petroleum Association convention having a tendency to curtail the attendance. Weather conditions were very favorable, however, and the outing was voted one of the most enjoyable in the history of the association. Golf was participated in by 101 players. The Bert Squier cup, the association golf trophy, was won by J. P. McFadden with a net score of 79. Twenty other prizes were awarded to golf players. Other pastimes included baseball, bowling and swimming.

Chicago Drug Golfers Defeat Detroit Group

The Chicago contingent captured the annual inter-city golf tournament of the Allied Drug and Cosmetic Association of Michigan and two Chicago associations, the Chicago Drug and Chemical Association and the Chicago Soap Perfumery and Extract Association, held at the Birmingham Golf and Country Club, Birmingham, Michigan, September 15.

Lee Derby (American Cyanamid & Chemical Corporation) and W. S. Lowry (Merck & Co.) seem pleased with things in general

At a dinner, attended by more than 100, Donald Melville, of the Frank W. Kerr Company, president of the Allied Drug and Cosmetic Association, presented the golf trophy to Elmer Smith, of the National Aniline & Chemical Company, president of the Chicago Drug and Chemical Association, on behalf of the winners. Among the prize winners were:—J. Walmsley, of the Monsanto Chemical Company; William R. Nay, of the Mallinckrodt Chemical Works; Mr. Melville, William White, of the C. F. Jameson Company; H. S. Lyon, F. Snyder, M. May, J. T. Jones, C. L. Droch, R. Hereford. and Ray Norris.

H. A. C. Anderson (American Cyanamid & Chemical Corporation) sits and looks; M. G. DeNavarre (secretary of Detroit group) hunts 'em for his movies

Cross Chemical Completes Construction of Laboratory

The Cross Chemical Works, extractor and concentrator of pure botanical products and concentrated juices for medicinal use, Pasadena, Calif., has completed its new research laboratory and pilot plant at 5522 South Broadway, Los Angeles. The laboratory, under the direction of Stuart M. Finch, has developed a new synthetic hormone and is now conducting extensive pathological tests.

E. I. du Pont de Nemours & Co., Wilmington, has issued a book known as the "Du Pont Color Selector." The book makes it possible for people interested in decorating their homes to see in advance how interiors will look when painted.

Associated Drug Chain Elects Besthoff Head

The Associated Chain Drug Stores elected S. J. Besthoff, jr., of Katz & Besthoff, Ltd., New Orleans, president at the annual meeting, in the Biltmore hotel, this city, September 19. W. C. Watt, of the Liggett Drug Company, was named vice-president. F. J. L. Griffiths was elected secretary-treasurer.

Botanical Drugs, Spices, and Gums

Buying of Botanicals Slow and Market Tension Eases — Price Trend and Tendency Still Upward — Future Delivery Business Active But Arrivals Are Uncertain

The market for botanical drugs was less tense than it had been during the previous fortnight. Although demand continued active, business was done under less strain and resumed some of its normal aspects that had been lost in the hectic two weeks of the new war period. Price trend continued upward, but against the rising values came a return of reductions in spot quotations, usually in materials in which previous advances had extended further than reflected actual market conditions.

The market took a curious turn at about midweek when there appeared on spot some low quotations on certain items that had already been sold at very substantial and solid advances over the prices quoted. On investigation, it seemed likely that the low quotations were not for spot goods but were in fact good only on goods for later arrival. A good deal of future delivery buying was done but the contract terms named a price and declared the transaction was on an "if and when arrived" basis, war risk insurance and ocean freight rate changes and charges to be for the account of buyer.

It cannot be too clearly stated that at the moment there is no certainty that goods so bought will ever be shipped, nor is there any way of setting a definite cost of insurance and freight. If the goods materialize, well and good; the buyer will get them at prices lower than prevail for actually spot goods. But for the immediate future, the only certain stocks are those actually in this country and for most of such merchandise, strong prices of upward tendency prevail.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags— Detained.	Entered.
Anise	...	1,390
Belladonna	...	220
Caraway	1,864	22,259
Cardamom (cases)	32	1,077
Celery	...	1,726
Coriander	195	10,742
Cumin	278	3,052
Digitalis leaves (cases)	...	...
Dill	...	1,026
Fennel	421	1,401
Henbane leaves (bales)	...	126
Mustard	...	16,540
Poppy	...	24,317
Sage leaves (bales)	...	1,237
Sesame	1,846	14,887
Stramonium	299	389
Thyme	40	1,081

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe, Barbados, no prices.
Cape, 6½c. per lb.
Curacao, 7c. per lb.
Socotrine, 7c. per lb.
Angelica root, imported, natural, 6c. per lb.
twisted, 16c. per lb.
Arnica flowers, 10c. per lb.
Asafetida gum, whole, 5c. per lb.
powdered, 6c. per lb.
Belladonna leaves, 3c. per lb.
Buchu leaves, 10c. per lb.
Buckthorn bark, whole, 3c. per lb.
cut and sifted, 3c. per lb.
Caraway seed, ½c. per lb.
Cassia, Batavia, 2c. per lb.
China rolls, 1½c. per lb.
Saigon, 2c. per lb.
Clove, Madagascar, 5c. per lb.
Zanzibar, 5c. per lb.
Calamus root, peeled, 1c. per lb.
Calendula flowers, 5c. per lb.
Cantharides, Chinese, whole, 35c. per lb.
powdered, 35c. per lb.
Russian, whole, 15c. per lb.
powdered, 15c. per lb.
Cardamom, decorticated, 15c. per lb.
Clover tops, 2c. per lb.
Colchicum seed, 1c. per lb.
Colocynth pulp, 20c. per lb.
Copaiba balsam, Para, 2c. per lb.
South American, 2c. per lb.
Ergot, 25c. per lb.
Euphorbia, 2½c. per lb.
Fennel seed, French type, 1c. per lb.
Indian, 1c. per lb.
Fenugreek seed, 3½c. per lb.
Fleaseed, French, 2c. per lb.
Golden seal root, whole, 10c. per lb.
powder, 10c. per lb.
Gum, euphorbium, 28c. per lb.
Hawthorn berries, 7c. per lb.
Henbane leaves, 10c. per lb.
Ipecac root, whole, 5c. per lb.
powdered, 10c. per lb.
Jalap root, whole, 1c. per lb.
Kalama, 7c. per lb.
Licorice root, cuttings, 1c. per lb.
Nutmegs, 80's, 2c. per lb.
West India, 2c. per lb.
Orange flower petals, 5c. per lb.
Orange peel, sweet, 1c. per lb.
Pariera brava root, 3c. per lb.
Poppy seed, 1c. per lb.
Paprika, Spanish, 1c. per lb.
Hungarian, 1c. per lb.
Pepper, white, Muntok, 1c. per lb.
red, chillies, Mombassa, 5c. per lb.
Peru balsam, powdered, 1c. per lb.
Saffron, Spanish, $10 per lb.
Savory, 7½c. per lb.
Senna leaves, T. V. No. 3, ½c. per lb.
Soapbark, cut, 4c. per lb.
Valerian root, 2c. per lb.

Reduced

Anise, star, 1c. per lb.
Celery seed, French, 2c. per lb.
Indian, 1c. per lb.
Dill seed, cleaned, 3c. per lb.
Fleaseed, Indian, 1c. per lb.
Hellebore root, white, 3c. per lb.
Licorice root, select, bundles, 5c. per lb.
Malva flowers, black, 5c. per lb.
Matico leaves, 5c. per lb.
Orange peel, bitter, 1c. per lb.
Peppermint leaves, imported, 5c. per lb.
Rhubarb root, whole, 2c. per lb.
powdered, 3c. per lb.
Rose flowers, pale, 5c. per lb.
Rosemary leaves, 2c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Senna leaves, T. V. No. 1, 1c. per lb.
pods, 1c. per lb.
Spearmint leaves, 2c. per lb.
Uva ursi leaves, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
162.0	**158.4**	**125.6**	**121.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The advance continued because of the replacement situation. Para balsam went to 30c. to 31c. per pound and South American reached the 31c. to 32c. level.

Peru.—Strong and advancing replacement cost brought spot sellers to the higher price level of $1.10 to $1.15 per pound.

Barks

Buckthorn.—Whole bark was higher at 12c. to 15c. per pound and the cut and sifted variety went to 16c. to 18c. The regular cut and sifted article of commerce comes from Germany.

Lemon Peel.—Business done in substantial quantity confirmed the spot market on the very firm basis of 15c. to 16c. per pound.

Orange Peel.—Bitter yielded slightly in price last week, prevailing at 9c. to 10c. per pound. Sweet peel sold under competition at 18c. to 19c. per pound and was declared to be strong.

Soap.—One quarter quoted cut bark at 28c. to 30c. per pound, contrasting with others who reported steady selling at 30c. minimum. This form of the article comes from Germany. It probably won't come from there for some time to come.

Beans

Calabar.—Prices were very firm, but they lacked further change. Not much demand was current and present quotations are expected to cover present replacement costs.

Vanilla.—The market was strong in price and fairly active as to demand, but the situation seemed calmer than it had been and dealers expected present quotations to hold until such time as further developments in the primary market shall force a change.

Berries

Hawthorn.—The market was higher at 35c. to 36c. per pound and present stocks were being husbanded because of the uncertainty surrounding the future of replacements.

Laurel.—Business has been done at 25c. to 26c. per pound and sellers thereat said that there was little or no competition encountered locally on this item.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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The Earth Contributes AND J.L.HOPKINS & CO. DISTRIBUTE ALL KINDS OF ROOTS, BARKS, HERBS, GUMS, LEAVES & SEEDS, WHICH ARE USED FOR MEDICINAL PURPOSES; WHOLE, GROUND OR POWDERED
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Flowers

Arnica.—Competitive sales were made at 75c. per pound. Lower quotations were noted locally, but investigation revealed them to prevail on future deliveries, offered on an if and when shipped basis, war risk and ocean freight changes to be for the account of buyers.

Calendula.—The market was higher at 38c. to 40c. per pound because not only of the uncertainty of getting replacements but also because of consumers buying well ahead of actual needs.

Chamomile.—Prices held very firm with sellers showing a disposition to restrict the size of quantities sold on individual orders. The future position of supplies has yet to become clear.

Lavender. — Prominent sellers declared that the market with them was entirely nominal. Others quoted firm prices on comparative small lots, asking full prices as recently named.

Malva.—Black flowers eased off to 45c. to 50c. per pound as pressure for stocks subsided. Blue flowers were more clearly defined at 45c. to 50c.

Orange.—The forward position being uncertain, spot goods were more valuable and local quotations ruled at 55c. to 60c. per pound last week, done several times.

Saffron.—Spanish flowers were advanced sharply to $44 to $46 per pound, the foreign situation acting in opposition to continued export of normal quantities, even if available—which was not clear at the end of the period.

Gums

Aloe.—Cost to bring goods forward from the sources of supply have risen in accordance with the cost of war risk insurance and the position of ocean freight rates. Curacao gum was quoted 50c. to 55c. per pound, strong. No prices were named on Barbados. Cape was 25c. to 29c.; Socatrine, 50c. to 56c.

Arabic.—The market was strong with sellers showing reserve, while they await clarification of the forward position of replacement goods. The cost will depend much on the route of transportation. Demand was good.

Benzoin.—Undertones were very firm and sales were reported made in good volume; quite a gain was noted in that respect. Sumatra gum was priced at 33c. to 34c. per pound.

Euphorbium.—Something like a shortage in spot stocks prevailed and last week there was a considerable scramble for goods. Local quotations reached 50c. to 55c. per pound.

Mastic.—Future replacement stocks will be bought under conditions entailing control of prices, stocks and outlet at the source. The spot market was nominal at 70c. per pound.

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Herbs and Leaves

Belladonna.—Leaves were higher at 29c. to 30c. per pound and sales confirmed the position as quoted on U.S.P. merchandise.

Buchu.—This item continued to advance and the market reached 60c. to 65c. per pound last week. Demand was excellent and sellers showed reserve.

Henbane.—The spot was 35c. to 40c. per pound, but goods were offered to arrive at sharply less than the above quotation. No guarantee of delivery was possible.

Peppermint.—Imported goods come from Germany, and it remains to be seen if more goods can be gotten across the German boundary with neutral nations. Spot goods brought 65c. to 70c. per pound, done last week.

Senna.—T. V. No. 1, pervailed at 12c. to 14c. per pound, according to seller. No. 2, 10c. to 12c.; No. 3, 8½c. to 9c.; pods, 10c. to 15c. per pound, sales being reported at the outside figure.

Miscellaneous

Areca Nuts.—Powder was noted at 12c. to 15c. per pound and replacement uotations were declared to have strengthened.

Cantharides.—Russian whole flies were up to $1.45 to $1.50 per pound; powder, $1.70 to $1.75; Chinese flies, higher at $1.25 to $1.30; powdered, $1.45 to $1.50.

Colocynth Pulp.—Stocks were exhausted in some quarters and others reported higher prices at 50c. to 55c. per pound as prevailing on an exceptionally small stock.

Ergot.—Portugese and Spanish shippers still held the peace; they offered and quoted nothing on a firm basis most of the time. Spot quotations were higher at $2.50 to $2.75 per pound.

Kamala.—Sales were made at an advance to 32c. to 35c. per pound and the market appeared to tighten all along the line.

Papain.—The spot market was $1.30 to $1.75 per pound for powder accord-

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XUM

ing to seller. Advices from California quoted powder on the basis of $1.10 to $1.90 per pound as to quantity, f.o.b. a coast point.

Roots

Angelica.—Imported goods were 40c. to 45c. per pound for natural and 55c. to 60c. for twisted, both being higher and in danger of disappearing from spot stocks.

Golden Seal.—Whole was priced at $3.60 to $3.65 per pound; powdered, $3.90 to $3.95. The largest factor in this item had very strong views.

Ipecac.—The advance brought whole goods at $1.25 to $1.30 per pound; powder, $1.40 to $1.45, and there were large inquiries in the market late in the week.

Jalap.—The article was temporarily in short supply on spot and quotations were higher at 21c. to 24c. per pound for whole goods.

Licorice.—Bundled root was quoted lower at 20c. to 22c. per pound, but cuttings were higher at 9c. to 10c. No change in prices on powdered material was made.

Rhubarb.—Quotations on whole were 48c. to 50c. per pound; powdered, 52c. to 55c. Business was reported done at outside limits of the range in each case.

Valerian.—The rise brought values up to 20c. to 27c. per pound, but it was doubtful that much could be bought at the inside figure.

Seeds

Anise.—Star seed was shaded to 18c. to 19c. per pound but Spanish material remained firm at the recent advance.

Colchicum.—Spot quotations were 36c. to 40c. per pound and very firm notwithstanding the absence of pressing request.

Dill.—Recleaned material was cheaper at 12c. to 14c. per pound for spot deliveries.

Fennel.—French type and India seed were higher at 10c. to 12c. per pound. German remained strong at 32c. to 33c.

Flea.—French seed was advanced to 18c. to 20c. per pound in a fairly active market. India seed was a shade lower at 9c. to 12c. per pound but 10c. seemed nearer to the market as indicated by most sales.

Quince.—Prices ranged 75c. to $1.10, according to quantity, quality and seller. A stronger undertone has developed of late.

Sabadilla.—Powder was on the rise last week and several transactions took place on the basis of 22c. to 23c. per pound.

Worm.—Levant seed ranged $5 to $6 per pound, according to seller, and none in the local trade was burdened with supplies.

Spices

Cassia.—Batavia No. 1 was higher at 19c. to 19½c. per pound. China rolls advanced to 11½c. to 12c. and the selected broken item was up much firmer but unchanged. Saigon rose to 19c. to 22c. per pound, ranging according to quality.

Clove.—Madagascar spice was up to 30c. to 31c. per pound and the Zanzibar material was noted at 31c. to 32c. per pound. Both were very firm because of the difficulty and rising cost to import.

Nutmegs.—The 80's were advanced to 24c. to 25c. per pound and no quotations were named on the 110's. West India material was higher at 14½c. to 15c. per pound.

Paprika.—Medium quality Hungarian was higher at 39c. to 41c. per pound. Portuguese material was nominal. Spanish was higher but usually nominal at 43c. to 45c.

Pepper.—Prices changed less but trading was still fairly active. White Java Muntok rose to 9½c. to 10c. per pound. Mombassa chillies were sharply higher at 35c. to 40c. Black peppers lacked quotable change on spot.

Trading in black pepper futures on the New York Produce Exchange from September 16 to September 22, inclusive, comprised 155 contracts, a total of 5,208,000 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.44	4.15	4.40@4.41
March	4.51	4.20	4.48@4.50
May	4.56	4.21	4.56@4.60
July	4.68	4.33	4.60@4.65
September	4.01	4.00	4.25@4.40
October	4.35	4.15	4.30@4.37
December	4.41	4.02	4.38@4.43

Simon de Vaulchier has been named head of the department of industrial design at Cooper Union, this city. He was formerly director of design for the Colgate-Palmolive-Peet Company, Jersey City.

McCormick & Co. Elects Jones Board Member

Lester W. Jones, purchasing agent for McCormick & Co., manufacturer of chemical specialties and extracts, Baltimore, has been elected a member of the directorate of the company. Mr.

Lester W. Jones

Jones is also a director of the McCormick Sales Company and the McCormick Warehouse Company.

Born in Baltimore in 1902, Mr. Jones graduated from the Baltimore Business College in 1919. He joined the McCormick organization as an assistant in the pricing department in 1932 after fourteen years with the Edward J. Walter Company, drugs, chemicals and oils, Baltimore. At the start of 1933 he organized and headed the centralized purchasing department for the McCormick firm. Mr. Jones is one of the original members of the junior executive board, a feature of the Multiple Management Plan, devised by Charles P. McCormick, president of the company, and under which plan the McCormick organization operates.

Penick Analyses Prospects Of Crude Drug Replacements

A comprehensive presentation of the replacement prospects for imported crude drugs has been made by S. B. Penick & Co., botanical drug merchant and manufacturer, this city. The survey covered crude drugs coming from Northern Africa, British Isles, China, India, Hungary, Persia and Turkey, France, Italy, Poland, Japan, Russia and Spain.

Difficulty in getting shipping space will probably interfere with exports from north Africa. Export of the few items supplied by the British Isles has been stopped by refusal of export licenses. Items of other countries, cleared through London, are non-existent. Chinese products are offered spasmodically at increased prices, the result of the Japanese-Chinese war, but a few are getting through at the moment. Getting goods from India may involve use of belligerent vessels and trade with this country may suffer. Hungarian products are expected to come out through Italian ports but to an extent unknown at present.

Stocks of items originating in or obtained through French sources are reported in small supply. Prices have been withdrawn and French shippers await higher prices. Some slight improvement in offerings of Italian goods has followed a period of no offerings. Limited supplies are in sight at advancing prices. All connection with Poland has been cut off. Japanese products have been forced higher by the war. The prospect of getting Russian goods is hazy and no information justifies confidence in getting merchandise through. Spanish commerce is disorganized. Export is by license and there is actual scarcity of Spanish botanicals. Meager supplies and infrequent shipments are about all that can be expected.

J. S. Young Company, Baltimore, has filed plans for a one-story brick and steel building for the storage of licorice. The structure will cost about $40,000.

British Columbia mineral production during the first half of 1939 was valued at $31,121,182, a decrease of $578,125, as compared with the first six months of 1938.

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F.T.C. Cites Ass'n For Sales Breakdown

—Continued from page 3

tary-treasurer and manager of the institute, who, it is alleged, directs its activities.

It is alleged that Mr. McClure, acting as the institute's manager, checked the current price lists submitted by member respondents against the price information contained in orders and invoices received from such member respondents and that he summarized the reports and issued a weekly bulletin to each member respondent showing (1) the dollar volume of sales to all participating member respondents; (2) the total number of orders taken by all participating member respondents and (3) the individual member respondent's proportion to the foregoing total. It was further alleged that McClure summarized such reports and issued a monthly report thereon.

The member respondent corporations are alleged to adhere to the uniform prices and discounts as set forth in their price lists issued and exchanged by them and to file with the institute reports of deviations therefrom. At the request of any of the member respondents Mr. McClure allegedly furnished information concerning instances where other member respondents deviated from the fixed prices.

The alleged result of these activities was that the respondents, as long as they were institute members, sold at uniform prices and discounts to their respective customers located in the same geographical area and buying in comparable quantities, except in a few instances where they sold at lower net prices to meet the competition of nonmember manufacturers. It is further alleged that the prices and discounts as fixed and observed under the agreement in the last three years applied to approximately 70 percent of the respondent members' total sales.

Match Monopoly Dissolved

An executive order has been approved authorizing a contract between the Ministry of Finance and the Company for the Administration of the Match Monopoly, which cancels the original contract of the company and concludes its business in Guatemala, according to the office of the American Commercial attache in Guatemala. The original contract authorizing the match monopoly was signed in 1930.

New Crop **Oil of Dill**

This is an outstanding Fritzsche specialty. Employed in seasoning and especially in the pickling of processed dills, it imparts the exact flavor character and aroma of true dill weed from which it is derived. Used in combination with the latter it effects a richer and better rounded flavor than dill weed used alone . . . This year's crop, judging from shipments thus far received, is of excellent grade, but not over plentiful. We believe it advisable, therefore, to negotiate your season's requirements *without delay*.

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Essential Oils, Aromatic Chemicals

Essential Oil Price Rise Still Strong — Demand Heavy and Replacement of Stocks Uncertain — Sellers Reserved —Regular Customers Get Call on Spot Goods

Prices in the market for essential oils continued to rise and late last week few signs of values leveling out at limits permitting restoration of firm prices backed by firmly offered merchandise were discovered.

Demand was heavy. The call for goods was broad, affected the entire list, and forced sellers to a policy of reserve. Since replacement costs were still hazy and nebulous, and because continuity of shipments from foreign sources was still menaced by conditions which were the by-product of the European war, sellers viewed stocks in hand as being the only supply of which they could be sure. Hence, the tendency to restrict business to regular customers was general and the policy of limiting sales to not more than the normal consuming requirements of such buyers was well nigh universal.

Practically all quotations were strictly nominal. When made at all, they were subject to confirmation and were usually without offer. In most instances, dealers have withdrawn price lists from the consuming trade.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, 5c. per lb.
Birchtar, crude, 5c. per lb.
Bois de rose, 15c. per lb.
Cajeput, U.S.P. IX, 4c. per lb.
Caraway, 25c. per lb.
Cassia, 10c. per lb.
Cedar wood, southern, 3c. per lb.
Celery, 50c. per lb.
Clove, 20c. per lb.
Cumin, 50c. per lb.
Eucalyptus, 13c. per lb.
Lemon, California, 25c. per lb.
Lemongrass, 17c. per lb.
Mace, 20c. per lb.
Nutmeg, 20c. per lb.
Orange, Messina, 25c. per lb.
West Indies, 25c. per lb.
Palmarosa, 60c. per lb.
Pimento, berry oil, 65c. per lb.
leaf oil, 50c. per lb.
Rosemary, Spanish, 5c. per lb.
Sassafras, artificial, 13c. per lb.
Savin, 40c. per lb.
Wormwood, 50c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essentials oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
87.0	81.4	70.4	69.1

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—The market remained strong and upward in tendency but no further change was made in the nominal spot quotation of 90c. per pound.

Anise.—Prices were firmly maintained and in the event of current conditions being continued, dealers expect further advances.

Birch Tar.—Crude continued to advance and the market reached the nominal position of 25c. per pound. Rectified material lacked change but was strong and tended toward higher levels.

Bois De Rose.—Import costs of new stocks will probably be somewhat higher because of the rise in ocean freight and war risk insurance rates. Spot quotations were $1.60 per pound nominal.

Camphor.—Prices were entirely nominal and likely to so remain because of the complicated and uncertain situation prevailing in replacement supplies in the primary market.

Cajeput.—The U.S.P. IX item was higher at 63c. per pound nominal and sellers were reserved in offering and selling. Technical material was strictly nominal and next sales were expected to be at an advance.

Caraway.—The situation was tight with dealers offering little and reporting sales at advancing prices. Quotations late in the period were around $2.75 per pound nominal.

Cassia.—Pressure to buy found sellers reserved and disposed to conserve stocks and prices to be purely nominal at the advanced level of $1.15 per pound.

Cedarwood.—Southern oil was higher at 20c. to 21c. per pound and a good business was done at the advance. Oregon oil was firmer in price but lacked quotable change throughout the past week.

Celery.—Raw material costs have advanced sharply abroad, raising the production cost of this oil and tending to make local sellers go slow in accepting more than moderate sized orders. Quotations were $7 per pound, nominal.

Citronella.—Values were fully firm to strong in all directions and some very good business was reported done on spot. In goods to come forward, trade was almost impossible because numerous shippers were unable to offer.

Clove.—Raw material continued to climb and spot values on oil accompanied the movement. Latest, and entirely nominal quotations were $1.55 per pound in drums and $1.60 in cans.

Coriander.—The local trade was kept under some restraint by the absence of large demand from manufacturing consumers but in view of the difficulty in getting steady and adequate shipments of raw material, domestic producers took the safe side and remained reserved.

Croton.—The more emphatic demand noted of late was tempered some during the past week without, however, affecting the general strength governing prices on the spot. Replacement costs were all on the side of rising values.

Cumin.—Sellers reported persistent buying, the drive for supplies keeping quotations to an upward trend and resulting in the establishment of $7.25 per pound, a purely nominal price.

Dill.—The active consumption season was well underway and found prices substantially higher than before war came to Europe. Quotations failed to change last week but they were strong on an entirely nominal basis, being subject to confirmation.

Eucalyptus.—Transportation costs have risen. Difficulty in getting goods shipped from the primary market lay partly to the fact that British needs were being protected because of the war which was expected to raise consumption. Spot quotations were higher at 55c. per pound in drums and 57c. in cans, nominal in each case.

Fennel.—From an oil highly stable in price, this item has become one of fluid and mounting values. The spot quotation was $1.95 per pound nominal last week and there were no anxious sellers.

Lemon.—Italian oil was advanced to $3.50 per pound which figure was nominal at the end of last week and not only subject to confirmation but also to further advance in view of the absence of normal commerce between the spot and Italy. California oil remained strong at the recent rise to $3 per pound. No contracts were being written; it was a purely spot delivery price.

Lemongrass.—British shippers failed to offer, refusing bids until such time as British needs are known and covered. Some offerings from native shippers were received but the positions were fairly distant and there was no guarantee of delivery. Spot quotations were nominally 55c. per pound.

Mace.—Production cost and demand continued to rise and locally quotations last week were higher at the nominal level of $1.50 per pound.

Nutmeg.—Quotations reached $1.50 per pound, nominal in all respects and made without offer and subject to confirmation. Raw material cost continued to climb throughout the period.

Mustard.—Study of the stock situation on artificial oil led to re-establishment of a going market on this notwithstanding that it is of German origin and further shipments have been cut off. The going price was $1.60 to $1.70 per pound.

Orange.—California oil showed strength but prices failed to leave the $1.40 per pound level set in the previous trading period. West India oil was higher at $2.50 per pound and distinguished brands of Italian oil were nominally $3 per pound. Demand was routine in some respects.

Palmarosa.—Replacement market prices were strong at higher levels and the spot quotations went to the basis of $2.50 per pound, nominal, done and confirmed but subject to change without notice.

Peppermint.—New developments were lacking. Producers and dealers alike seemed disposed to await further developments to come as the result of the European war. Reports of a Federal government crop reporting bureau as of September 1 stated that the condition of the Washington state crops not yet harvested continued to be good. With the exception of Benton county, where the crop never completely recovered from its poor start, the crop, particularly in the southwestern part of the state, is one of the best ever produced. Although the oil content is slightly below average, the very heavy yields of peppermint hay insure a heavier yield of oil per acre than usual. In general, the old fields are doing much better than the new.

Pimento.—Inaccessibility of normal replacement supplies resulted in continuing advance in prices for this item. Berry oil became nominally $4.15 per pound and the lead oil went to $3, nominal.

Rosemary.—Spanish oil was higher and still nominal at 64c. per pound in drums and 69c. in cans. Sellers were reserved since there was no surety of normal shipments being made from Europe.

Sage.—Stocks were virtually exhausted and those still holding some of this item could set prices without fear of competition. The entire situation indicated a nominal market.

Savin.—Sales have been made at $2.15 per pound and that was the nominal quotation late last week.

Vetiver.—Bourbon oil has fetched $6 per pound for some qualities and as high as $18 for high quality French oil has been done. Sellers were definitely reserved.

Wormwood.—Stocks of moderate size resulted from this year's production and values have climbed steadily until on spot last week the item was declared nominal at $4.90 to $5 per pound.

Aromatic Chemicals

Alcohols, Higher.—No changes were made in spot prices but they were largely nominal and likely so to remain until conditions shall have settled a going level of spot quotations.

Amyl Salicylate.—There seemed to be an ample supply on spot and values continued unchanged, though they seemed to be firmer in the main.

Anethol.—The recent advance in quotations was very firmly maintained and some good business pointed to the con-

—*Continued on page* 60

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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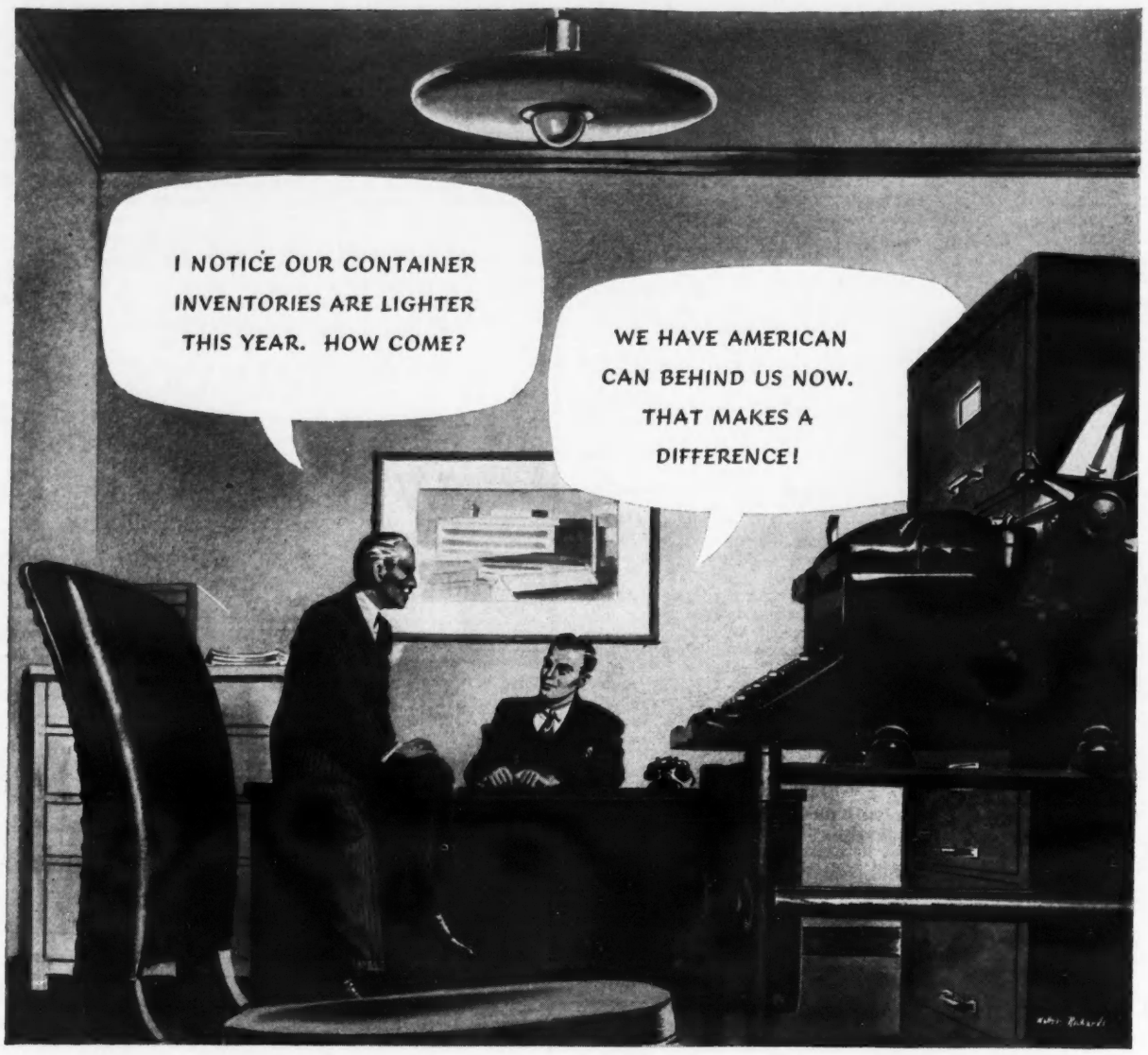
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Petroleum Solvents Lubricants, Fuels

Refined Petroleum Markets Very Strong in All Sections—Advance in Solvent Quotations Expected—Russian Oil, Lubricants, Bunker Fuel, Kerosene Are All Higher

A heavy demand for petroleum solvents, especially paint ingredients, continued to be the feature of the refined market last week. There was pressure against prices and sharp advances were expected in the near future. Several quarters reported that, despite the increased demand, stocks were adequate and all orders were being accepted. Russian oil was scarce with all sellers meeting the advance reported two weeks ago. Quoted prices were only nominal and sales were restricted.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Kerosene, ¼c. to ¼c. per gal.
Oil, fuel, bunker, 5c. to 10c. per bbl.
gas, ¼c. per gal.
lubricating, ½c. to 3½c. per gal.
white mineral, Russian, 2c. per gal.
Petroleum, crude, Ark., 15c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Domestic mineral oil was very strong and an advance was expected this week. There was a scarcity of all grades of paraffin.

Lubricants were advanced in the East and the Midcontinent in view of a sharply increased demand. The export call was strong. Bunker C fuel oil was advanced at Atlantic and Gulf ports. Tankcar and tankwagon prices on kerosene were advanced in New York and New England. The crude market continued to show strength although posted prices were increased in only one field.

Solvents and Diluents

Cleaners' Naphtha.—Demand showed further gains due to the activity of the cleaning trade. The price was firm.

Lacquer Diluent.—Manufacturers of lacquer were engaged in active trading and sales volume last week was much greater than during the previous period. The price was steady and unchanged.

Petroleum Thinners.—The pick-up noted in the market for all paint materials was felt here. Shipments were in greater tonnages and inquiries for future delivery appeared more often. Prices were firm.

Rubber Solvent.—A good volume of material was moving into the hands of rubber tire makers, following the trend of the previous several weeks. The quoted price was unchanged.

V.M. & P. Naphtha.—The appearance of the Fall painting season activated this ingredient which had been in good demand for several previous weeks. The price was steady and firm.

Markets at Other Centers

Chicago, Sept. 21.—A firmer tone and reports of prospective price increases are current in the market for petroleum solvents and diluents. Movement of material to buyers on orders is active and it appears that reports of price cuts no longer are so widespread nor so persistent. Inquiry is good. Cleaners' material is still attracting interest. Supplies of various grades seem less extensive. Ruling prices in tankcar lots except as noted are:—Blending naphtha, 4¼c. per gallon, tankcar; 17.5c., tankwagon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluents, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V.M. & P. naphtha, 6⅜c. to 6½c., tankwagon; 16.5c., tankwagon.

Tulsa, Sept. 21.—Although firmness is present in this market there has been no general price advance. However, it is only a matter of time, although refiners are awaiting further basic strength in gasoline and the crude market before posting general advances.

Lighter Fractions

Butane.—A slightly better movement of stocks was reported last week. The price was unchanged at 2½c. to 3c. per gallon, in tankcars, basis group 3.

Hexane.—Tankcar lots of the normal grade were offered at the unchanged price of 12½c. per gallon, while the laboratory grade was quoted at 14c., both basis group 3. Demand was unchanged.

Heptane.—Demand picked up slightly and shipments into consumption were steady. The price was unchanged.

Pentanes.—Conditions surrounding the market were unchanged and the price was firm.

Propane.—Shipments were slightly heavier, with most orders calling for immediate delivery. The price was steady.

Petrolatum and Waxes

White Mineral Oils.—A major supplier of Russian oil advanced his prices 12c. per pound last week to a range of 58c. to 89c. This was 2c. higher than the advance made two weeks ago by another importer. Prices were nominal due to a scarcity of stocks. No shipments were coming from Germany and Belgian imports were uncertain. Domestic material was in heavy demand and prices were strong.

Petrolatum. — Price advances made two weeks ago did not discourage buyers who remained very active during the period under review. Quotations were firm.

Paraffin.—Crude scale wax and refined material were in good demand. The former product was scarce. Prices were unchanged.

Markets at Other Centers

Chicago, Sept. 21.—The refined petroleum wax market remains quiet. Buying has been picking up a little here and there, in sympathy with the generally better market situation in all such materials, but for the most part it is a quiet situation. Ruling prices are:—122-124, 3.9c. to 3.95c. per pound; 125-127, 4c. to 4.05c.; 127-129, 4.35c. to 4.4c.; 130-132, 4.65c. to 4.7c.; 132-134, 4.0c. to 4.05c.

Tulsa, Sept. 21.—The 124-26 American crude is not available below 3c. per pound and sellers not offering freely.

Fuels and Lubricants

Gasoline.—Demand was holding well and prices were firm at New York Harbor.

Kerosene.—Socony Vacuum Oil Company advanced the tankcar price ¼c. per gallon in New York and New England to 4⅝c. to 5⅜c. Demand picked up.

Fuel and Gas Oils.—Major suppliers advanced the price of Bunker C fuel oil by 10c. per barrel. The new price in New York Harbor was $1.15 per barrel.

Lubricating Oils.—Pennsylvania neutral bright and cylinder stocks were advanced from ½c. to 3½c. per gallon. There was a good foreign demand.

Crude Oil Price Changes

Lion Oil Refining Company and Root Petroleum Company advanced by 15c. the price of crude from the Schuler, Arkansas, lime pool. The new price is 95c. per barrel for 40 gravity and above with a 2c. differential for each degree down to 25, which is at 82c.

Tankwagon Price Changes

Socony Vacuum Oil Company advanced kerosene ¼c. per gallon at New York and New England.

Markets at Other Centers

Chicago, Sept. 21.—Strength is apparent in virtually all of the leading grades of petroleum products in the general tankcar market. Demand has been holding its own in items such as gasoline, against which seasonal considerations now are working. In the domestic fuel oils there is a definite movement toward strength. Heavy fuel oils are the strongest they have been in several years. Lubricants are extremely strong and higher.

GASOLINE.—Low octane motor, 4½c. to 4⅝c. per gallon; 63-66 octane motor, 4¾c. to 4⅞c.; 67-69 octane motor, 5c. to 5⅛c.; 70-72 octane motor, regular, 5¼c. to 5⅜c.; 60-62, 400, 4½c. to 4⅝c.; 64-66, 375, 4½c. to 4¾c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3⅞c.

FURNACE OILS.—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 white, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; No. 3, 3c. to 3⅛c.; 32-36, dark, industrial gas oil, 2¾c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Sept. 20.—The domestic market reflected a slight increase of practically all commodities during the past week. Foreign inquiries and exports continued fair. U. S. motor gasoline was quoted at 6c. and 70-72 octane at 6⅝c.—these prices being based on a per gallon rate at refinery.

The price of kerosene advanced ⅛c. with a quoted price of 7¼c. per gallon at refinery.

A 5c. increase on Bunker C fuel oil was noted, the current price quotation being 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on this grade at $1.36 per barrel, delivered alongside.

Tulsa, Sept. 21.—Pre-seasonal strength in heavy oils has become the feature of the market this week. Lubricants have also been advanced. Prices are ½c. higher for gas oils and residual fuels are about 2½c. per barrel higher.

GASOLINE.—U.S. Motor, third grade, 4½c. to 4¾c. per gallon; 63-66 octane, 4¾c. to 5⅛c.; 67-69 octane, 4⅞c. to 5¼c.; and 70-72 octane, 5¼c. to 5½c.

KEROSENE.—The 41-43 grade, 3¾c. to 4¼c. per gallon and 42-44 grade, 4c. to 4⅝c.

DISTILLATES.—No. 1 prime white, 3½c. to 3¾c. per gallon and straw is 3⅜c. to 3⅝c.; No. 2 straw is 3¼c. to 3½c., and dark is 3¼c. to 3⅜c. Gas oils range from 2½c. to 3c. per gallon.

FUEL OILS.—Residuals are from 50c. to 80c. per barrel for grades around 16 degrees and future deliveries are 10c. higher. The 24-28 is 85c. to 95c., and low cold test is $1 to $1.10.

LUBRICANTS.—A large demand has come into the mid-continent as a result of the higher quotations posted in Pennsylvania markets. Bidding is widespread as industrial users are combing the markets and outbidding one another. Quotations are very strong and supply at current prices limited.

Outputs and Quotas

A comparison of Bureau of Mines calculations for September productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended September 16, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	429,300	†384,950	403,800
Kansas	166,300	‡147,705	152,700
Texas 1	408,300	§1,238,776	1,362,650
Louisiana ..	235,700	235,475	242,600
Arkansas ...	59,700	64,838	64,350
Illinois	248,700	.....	327,300
Eastern	101,300	.....	99,250
Michigan ...	55,000	.....	68,350
Wyoming ...	70,700	.....	61,750
Montana	16,300	.....	16,500
Colorado ...	3,700	.....	3,700
New Mexico.	108,700	100,000	83,000
California ..	596,000	§598,300	636,200
Totals 3	510,700	.....	3,422,350

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of September. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Oklahoma and Kansas figures are for week ended 7 a. m., September 13.

‡ This is our interpretation of Texas' basic allowable week ended 7 a. m., September 16 based upon order of June 19 and subsequent modifications.

§ Recommendation of Central Committee of California Oil Producers.

Crude Oil Daily Output Up

Daily average crude oil production in the United States during the week ended September 16 was 3,422,350 barrels, compared with 3,228,350 barrels in

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Sept. 23	1938 Jan. 1-Sept. 23
Commercial crude oil production	885,676,385	881,034,900
	Week ended Sept. 23, 1939	Week ended Sept. 24, 1938
Daily average production	3,414,292	3,223,100
	Week ended Sept. 16, 1939	Week ended Sept. 9, 1939
Estimated motor fuel stock total	71,869,000	72,244,000
Estimated finished motor fuel stock total	65,882,000	66,010,000

The State of the Petroleum Market

The crude oil advance last week failed to affect figures in this box.

	Sept. 23	Sept. 16	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.147	$1.147	$1.213
Gasoline prices at refineries (at four refining centers) per gallon	.052625	.052625	.05

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

NICKEL CATALYST
Also NICKEL CARBONATE - NICKEL OXIDE, Etc.
THE RUFERT CHEMICAL CO., 420 Lexington Avenue, New York, N.Y.

SHERWOOD'S SHEROLATUM
GUARANTEED QUALITY ★ ALL GRADES
The Improved Petrolatum U. S. P.
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY · WARREN, PA. MAIN OFFICE · ENGLEWOOD, N. J.

Highest quality
NAPHTHENIC ACID
U.S.P. and Technical WHITE OILS
CRESYLIC ACID
CALODORANT GAS ODORANT
VISCOUS OILS (extremely viscous polymerized hydrocarbons)
STANDARD OIL COMPANY OF CALIFORNIA
225 BUSH STREET, SAN FRANCISCO, CALIFORNIA 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

the previous week, an increase of 193,700, according to the American Petroleum Institute Production increased in every state except Texas where there was a decline of 87,600 barrels daily. Oklahoma reported the largest daily gain—161,800 barrels. Stocks of gasoline at the end of the week were 71,869,000 barrels, a decline of 375,000 from the 72,244,000 reported at the close of the previous week. On September 16, 1938, these stocks were 69,961,000 barrels. Finished gasoline stocks declined 128,000 barrels to 85,882,000, compared with 63,833,000 a year ago.

TNEC to Get Oil Industry Analysis Today

—Continued from page 5

efficient distribution in case of increased demand for petroleum products growing out of war conditions.

The principal witnesses will be six spokesmen for the American Petroleum Institute, who will attempt to cover all phases of the industry. These men prepared written statements some two months ago and on the basis of these statements Department of Justice officials have prepared cross-examination and these questions have been submitted to the witnesses in advance. In addition a score of other persons interested in various aspects of the oil industry have asked to be heard and have also presented written statements and will be subjected to cross-examination.

Before the industry witnesses appear the committee will receive general presentations from Dr. Isador Lubin, chief of the Bureau of Labor Statistics, and Dr. John Ise, professor of economics at the University of Kansas. The American Petroleum Institute witnesses will be J. Howard Pew, president of the Sun oil Company; Fayette B. Dow, oil attorney of Washington; E. L. DeGolyer, Rycade Oil Corporation; R. E. Wilson, Pan American Petroleum and Transport Company; Sidney Swensrud, Standard Oil Company of Ohio, and H. H. Anderson, Shell Oil Co., Inc.

Skelly Oil Reacquires Stock

The Skelly Oil Company has acquired from its president, W. G. Skelly, and associates, 11,000 shares of its own common stock and 12,499 shares of East Texas Refining Company capital stock, according to the company's proxy solicitation for its meeting October 18 filed with the Securities and Exchange Commission.

Indiana Standard Oil History Told in Jubilee Booklet

The Standard Oil Company of Indiana as it is at the half-century mark is told in word and picture in the booklet "The First Fifty," recently published by the company. Since the company is a typical, progressive member of the industry, this historical review is not alone of the company, but more, an interesting history of the entire oil industry. Starting with an explanation of the geological origin of petroleum, the booklet follows the glamorous trail of oil from the time it was a curiosity until this day. A copy of the volume may be secured by addressing the company, 910 South Michigan avenue, Chicago, mentioning the REPORTER.

Oil Leases in New Mexico And Wyoming to Be Sold

OPD Washington Bureau
September 20, 1939

Open auction of oil and gas leases on 760 acres of public land in the Fulger Basin field, San Juan county, N. M., will be held October 26 in the district land office, Sante Fe, Secretary of Interior Harold L. Ickes announced today. On October 24, 120 acres of public land in the Osage field, Weston county, Wyo., will be auctioned at the Buffalo, Wyo., office.

International Leather Chemists Elect Chambard President

London, Sept. 21, 1939

Professor Chambard, of Lyons, France, was elected president for 1940-41 when the International Leather Chemists' Conference was held in London recently.

The Proctor Memorial Lecture was given by W. T. Astbury, of Leeds University.

Cottonseed Crushings Down

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, from August 1 to August 31, 1939, and 1938, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed
Received, Crushed, and Held

	Received at mills* Aug. 1 to Aug. 31.		Crushed Aug. 1 to Aug. 31.		On hand at mills Aug. 31.	
	1939.	1938.	1939.	1938.	1939.	1938.
	Tons					
United States	227,084	260,842	151,254	223,495	195,710	374,465
Alabama	4,936	27,175	5,334	22,405	10,524	16,731
Arkansas	7,288	6,703	5,309	17,503	6,135	9,422
Georgia	21,837	38,064	19,196	27,921	16,745	25,437
Louisiana	28,911	17,475	15,382	10,197	14,076	13,160
Mississippi	19,559	21,121	22,944	29,358	18,431	33,561
South Carolina	8,111	5,441	4,745	2,728	4,179	4,265
Texas	132,038	132,431	69,868	90,694	116,674	223,810
All other States	4,404	12,432	8,476	22,689	8,946	48,079

* Does not include 119,880 and 337,118 tons on hand Aug. 1 nor 2,253 and 5,224 reshipped for 1939 and 1938, respectively.

Cottonseed Products
Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to Aug. 31.	Shipped out Aug. 1 to Aug. 31.	On hand Aug. 31.
Crude oil, pounds—				
1939-1940	*73,352,913	45,354,922	49,976,616	*61,999,532
1938-1939	33,833,717	67,779,188	49,436,166	45,904,189
Refined oil, pounds—				
1939-1940	†558,854,702	‡54,665,963	.....	†494,718,208
1938-1939	487,927,952	53,414,334	.....	410,491,812
Cake and meal, tons—				
1939-1940	120,794	68,229	91,938	97,085
1938-1939	214,611	110,451	97,369	217,693
Hulls, tons—				
1939-1940	78,104	39,568	47,508	70,164
1938-1939	133,153	57,376	55,119	135,410
Linters, running bales—				
1939-1940	484,853	34,193	102,470	416,576
1938-1939	457,464	49,292	94,314	412,442
Hull fiber, 500-lb. bales—				
1939-1940	25,712	414	13,009	13,117
1938-1939	30,534	1,122	707	30,949
Grabbots, motes, etc., 500-lb. bales—				
1939-1940	31,341	1,410	5,958	26,793
1938-1939	36,592	2,971	7,559	32,004

* Includes 6,399,896 and 4,427,629 pounds held by refining and manufacturing establishments and 13,594,470 and 8,835,050 pounds in transit to refiners and consumers August 1, 1939, and Aug. 31, 1939, respectively.

† Includes 13,267,355 and 13,844,244 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments and 3,414,470 and 6,359,762 pounds in transit to manufacturers of shortening, oleomargarin, soap, etc., August 1, 1939, and Aug. 31, 1939, respectively.

‡ Produced from 58,290,452 pounds of crude oil.

Exports and Imports for Twelve Months Ended July 31

	1939.	1938.
Exports—		
Oil, crude, pounds	180,153	2,497,027
Oil, refined, pounds	4,333,628	4,923,641
Cake and meal, tons of 2,000 pounds	15,118	92,358
Linters, running bales	213,054	274,625
Imports—		
Oil, crude, pounds	*714,800	42,912
Oil, refined, pounds	*58,465,615	64,490,839
Cake and meal, tons of 2,000 pounds	4,457	5,184
Linters, bales of 500 pounds	48,661	18,130

* Amounts for August not included above are 1,706,592 pounds refined, "entered direct for consumption," 532,000 refined, "withdrawn from warehouse for consumption," and 8,071 refined, "entered direct into warehouse."

Caustic Soda Distribution To Be Controlled in Japan

OPD Washington Bureau
September 19, 1939

The Japanese government has tentatively decided to introduce official measures to control the distribution of caustic soda in order to insure an adequate supply for the munitions and export industries, according to a report from the acting American commercial attache in Tokyo made public by the Department of Commerce today. Some degree of control has been effected through trade associations since May, 1938, but as the demand for the product is now reported to be in excess of the supply, it has been deemed necessary to institute legal control measures.

'E-D-E' Insecticide Described

The use of 'Orchard' brand "E-D-E" in the control of the peach tree borer is described in an attractive point-of-sale folder prepared by the General Chemical Company. The leaflet tells when and how this ethylene dichloride emulsion is to be applied and also presents estimated comparative costs of its application. Copies of the leaflet may be obtained from the office of the company, 40 Rector street, New York, mentioning the REPORTER.

Potash Supplies In U. S. Analyzed

—Continued from page 3

The above table on the domestic production of potash chemicals is based on the 1937 Census of Manufacturers of the Bureau of Census, in which connection it might be mentioned that in the 1935 census 2,245 tons of potash acetate were reported as produced; however, there was no mention of acetate in the 1937 census. At the same time, the Bureau of Census figures does not necessarily give the complete picture on the production of potash chemicals, for it will be recollected that production is reported by that agency only where there are three or more producers, and as a consequence there might be producers whose existence and output have not been made known.

A comparison of the imports and the domestic production reveals that the only potash chemicals of importance that are imported and not produced domestically are the chlorates and the nitrate. In the case of chlorates, chemical trade circles were of the opinion that production of them could be developed in this country if demand warranted it. At the same time, the chemistry of nitrate production was said to be well understood, there being several alternative procedures, but to date that manufacture has not developed so far as is publicly known.

An analysis of the potash requirements of the existing domestic chemical industry represents an outlet for some 18,000 to 20,000 tons K_2O. In the year ended May, 1939, the total was 18,673 tons made up of 18,068 tons of 60 percent muriate and 605 tons of sulphate. An expansion of the domestic production to supply the equivalent of imports, including the chlorates, would represent an additional requirement of some 6,000 tons of K_2O; to include "duty free" nitrates, would expand this total by an additional 6,500 tons to 12,500 tons K_2O. On the basis of these requirements, only 5 percent of the potash used in the United States goes into chemical manufacture.

French Chemical Exports To So. America Heavy

—Continued from page 5

lombia, $732,000; Argentina, $646,000; and Brazil, $486,000, according to official French statistics.

French toiletry exporters have also made considerable progress in the Latin American areas, supplying products, mainly perfumery, perfume concentrates and soaps, valued at about $2,300,000 in 1938, according to the Chemical Division. While French toiletries, soaps and perfumes are widely distributed throughout the countries of South and Central America, Argentina, Brazil, Cuba and Mexico are the leading markets for such products.

Other French chemicals and related products exported to the Latin American areas in 1938 included dyes valued at $750,000, and a wide line of miscellaneous commodities valued at $2,600,000.

View 1,000 feet down the No. 2 shaft at Potash Company of America mines near Carlsbad, N. M.
P.C.A.
RED MURIATE
POTASH COMPANY
of America
GENERAL SALES OFFICE
MERCANTILE TRUST BUILDING BALTIMORE, MARYLAND
SOUTHERN SALES OFFICE MORTGAGE GUARANTEE BUILDING ATLANTA, GEORGIA

Fertilizer Materials

Previous Hectic Activity Slackens But Market Is Still Strong —Bone Products, Tankage Materials Continue to Advance — Fish Scrap Quotation Sharply Up

The general market for raw fertilizer materials continued very active last week but the hectic trading of the two previous weeks had abated. Several materials sought higher ground and the majority of prices could be considered strong. Importers of European materials were still curtailing offerings and many products, both imported and domestic, were considered nominal in price. In several instances there were reports that sellers tenaciously held prices at levels at which buyers did not wish to pay. Advices from other sections of the country indicated that the same situation existed in most primary centers.

Possibly the sharpest advance of the week was that of the quotation on fish scrap. There were reports from Baltimore that one hundred tons were sold at a price that was nearly one dollar higher than the previously quoted figure. Tankage materials, however, remained the most active items with several advances. Imported bone materials and Japanese sardine meal were higher. High-grade blood was boosted at Chicago, as was hoofmeal. Quotations for imported nitrogenous material and for calcium phosphate were withdrawn and no offerings of the 1 and 65 bone were made. Suppliers of imported potash salts were withholding orders.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, high-grade grd., 25c. per unit, f.o.b. Chi.
Bone, raw, imp., $1 per ton.
steamed, 3 & 50, imp., 50c. per ton.
Fish scrap, menhaden, dried, futures, 95c. per unit, f.o.b. Balt.
ground, $4 per ton.
Japanese sardine meal, Oct.-Nov. shipt., $2.50 per ton.
spot, $2 per ton.
Hoofmeal, 25c. per unit, f.o.b. Chi.
Tankage, unground feeding, 50c. per unit.
high-grade feeding, Chi., $1 per unit.
imp., 50c. per unit.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Castor Pomace.—The demand was unchanged and the price firm.

Cyanamid.—Suppliers were withholding offerings and limiting orders to regular customers. Hesitancy over the proper price caused the unwillingness to sell.

Dried Blood.—The domestic material was last sold in New York at the unchanged price of $4.25 per unit. Few sales were made during the week, buyers being disinclined to contract at that figure. A similar situation existed in the market for imported material, last sales of which were made at the unchanged price of $3.90. Principal grade was up 25c. at Chicago.

Fish Scrap.—A sale of 100 tons of dried menhaden was made at a reported price of $4.10 and 10c., 95c. higher than the previous figure. The price was nominal. Ground menhaden was up $4 to $54 per ton. Japanese sardine meal for October-November shipment was sold at $53.50 per ton, a $2.50 advance. The spot price was up $2 to $54 per ton but there was little material available.

Nitrate of Soda.—The demand was steady and the price firm.

Nitrogenous Material.—Quotations on imported material were withdrawn, no stocks being available.

Sulphate of Ammonia.—Shipments were regular and the quoted price firm.

Tankage.—Unground feeding tankage was sold in New York at $5.50 and 10c. per unit, a 50c. advance. It advanced similarly in Chicago to $3.50 and 10c. High-grade feeding in Chicago was up $1 to $5.50 and 10c. Imported material was quoted at $3.75 and 10c., a 50c. increase.

Potashes

Suppliers of agricultural potash salts will withdraw their 5 percent discount offer at the end of this month. Domestic material was steady with demand light. Importers held the previously quoted prices but were restricting normal business operations and were not accepting new orders.

Phosphates

Bone Materials.—Imported raw bone was up $1 to $33 per ton. Imported 3 and 50 meal was advanced 50c. per ton to $27. There were no offerings of imported 1 and 65 material.

Calcium Phosphate.—No material was coming from Holland or Germany and quotations were withdrawn.

Phosphate Rock.—The export trade was irregular but the domestic market was unchanged. Prices for all grades were firm.

Superphosphate.—A steady market trend was reported with unchanged price.

Sulphur and Pyrites

Rumors of advanced quotations on crude sulphur were unconfirmed last week. European offerings of pyrites were curtailed.

Markets at Other Centers

Atlanta, Sept. 21.—The market for organic ammoniates remains in a very disturbed and uncertain condition. Complaint is heard that quotations by producers are not upheld and orders are unconfirmed. Some sales of domestic nitrogenous at $2.50 per unit midwestern shipping points are reported. Blood and tankage are reported to be very difficult because of quick fluctuation of prices. The feed trade is more active in the organic ammoniate or protein field than the fertilizer trade. Sulphate of ammonia output is reported booked to January shipments. No change in nitrate of soda, superphosphate and potash has been reported. Quotations are as follows:—

SUPERPHOSPHATE.—52c. per unit, interior producing points.

NITRATE OF SODA.—Bulk, $27 per ton, port basis.

SULPHATE OF AMMONIA.—$27.50 per ton, port basis.

COTTONSEED MEAL.—$27.00 to $27.50 per ton, southeastern mills.

NITROGENOUS.—$2.25 to $2.50 per unit, midwestern shipping points; foreign, $2.75, port basis.

BLOOD.—$4.25 per unit, Chicago, largely nominal.

CASTOR MEAL.—$3 to $3.25 per unit, port basis.

BONE.—Meal 3 and 50 percent, $32.00 per ton, basis Chicago.

Baltimore, Sept. 21.—Successively higher levels for crude fertilizer materials are being set. Offerings are restricted with the prospect of still greater returns. The prevailing quotations are about as follows:—

FISH SCRAP.—This ammoniate is mounting rapidly, and all forecasts as to how high it may go are off. One hundred tons of the material are stated to have been sold at $4.10 and 10c. per unit-ton. Producers are well sold up and not now in a state to enter into further commitments. Carolina production has been offered at $48 f.o.b. shipping point, with Japanese sardine meal at $50 to $51 per ton plus war risk, and with very little offered.

TANKAGE.—This ammoniate has gone high in comparison with scrap, with the market well sold up and with small quantities offered for quick shipment at $5.50 per unit-ton for 9 to 11 percent material.

DRIED BLOOD.—The market for this ammoniate is stated to be well sold up, with offerings scarce and last business reported to have been done at $4.25 f.o.b. The South American market is strong, with sales up to $3.90 per unit-ton for September-October shipment.

POTASH.—Transactions continue to be concluded at the regular list prices, with the customary discount of 5 percent, but, in the case of distributors of foreign production, with the provision that all orders are subject to confirmation by the shippers. It is stated that no change in the list will be made as long as supplies last. The demand, of course, has increased and customers who had placed orders for their requirements are getting the preference.

BONE.—Quotations as to this ammoniate are said to be maintained at the figures given last week, with the demand active and with the prices named still at $26 per ton for 1 and 60 bone flour, with 3 and 50 steamed stocks at $32 per ton.

Chicago, Sept. 21.—A strong market situation continues to prevail in the principal grades of fertilizer materials. Prices for most products are holding at or near the tops reached in the bulge since the outbreak of the European war. Some products are quoted on a nominal basis, as sellers are holding at levels beyond what buyers wish to pay. Blood has been strong and in fair demand. Tankage is in good call. Bone materials are irregular, but the tone is strong in most of these products.

BLOOD.—Principal grade, $4.25 per unit of ammonia.

TANKAGE.—High grade, feeding, $5.50 and 10c.; hoof meal, $3 to $3.25; liquid stick, $3 to $3.10.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $25 to $26; 3 and 50 percent, $30 to $32; 4½ and 50 percent, $31 to $32; grinding hoofs, pigs' toes and waste horn materials, $40 to $45; cattle jaws, skulls and knuckles, $26 to $27; beef cracklings, soft pressed, $50 to $55; pork cracklings, soft pressed, $65 to $70; hard pressed cracklings, per unit of protein, $1.05 to $1.10.

San Francisco, Sept. 20, 1939.—The spot positions of animal and fish products were further enhanced during the trading here last week while the rest of the market remained in strong tone. Sellers of sulphate of ammonia remained out of the market entirely, and nitrate of soda was in better demand. Tankage and blood were difficult markets to follow. Fish meal moved into stronger ground when sales were recorded at $52.50 per ton and later in the period sellers were declared to have turned down bids of $55, partly owing to the failure of the San Francisco Bay plants to get production underway. Monterey started last week. Oregon and Washington are reported through for the season. Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic, 75c. per unit, bulk, f.o.b. producer's plant, San Francisco Bay. Bags, 85c. per unit. Foreign material nominal.

FISH MEAL.—Firm bids of $55 per ton were said to have been refused by sellers today after previous acceptance of business on a $52.50 per ton basis on California sardine meal, f.o.b. production point, San Francisco/Monterey.

TANKAGE.—Unground, fertilizer, wet rendered, domestic, $3.50 to $4 and 10c. per unit-ton, f.o.b. cars, South San Francisco. Dry rendered, ground, $55 to $57.50 per ton, f.o.b. cars, South San Francisco; unground, dry rendered, $1 to $1.25 per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—Domestic, $3.75 per unit, f.o.b. cars, Los Angeles.

Armour & Co. Head Resigns

Robert H. Cabell, president of Armour & Co., since 1934, has resigned. He will be succeeded by George A. Eastwood, former executive vice-president. Mr. Cabell, who has been with the company since 1892, will remain a director.

Export Managers Club will hold a luncheon at the Hotel Pennsylvania, this city, September 26, followed by a discussion of war problems.

Phosphate Reserves Are Sufficient for U.S. Needs

The 10,000,000,000 tons of known reserves of phosphate in the United States are sufficient at the present rate of consumption to last 3,000 years, Dr. George R. Mansfield, chief geologist of the U. S. Geological Survey, declared in a symposium on "American Phosphate Deposits—Where Located and in What Volume," at the Western Phosphate Conference, held at the University of Idaho, August 31 to September 2.

A symposium on "The Use and Value of Phosphate Fertilizers" was led by J. C. McAmis, director of agricultural relations for the Tennessee Valley Authority. There was also a symposium on "New Equipment and Methods for Processing of Phosphate," led by Dr. H. S. Curtis, consulting chemical engineer of the Tennessee Valley Authority.

A discussion field trip was made to inspect phosphate deposits. Visits were made to Conda, Idaho, where the whole party numbering approximately seventy went through the mine of the Anaconda Copper Mining Company; Montpelier, Idaho; Cokeville, Wyoming; Beckwith Hills, Wyoming; Crawford mountains, Utah, and Laketown, Utah.

Fertilizer Plant in Colombia Proposed in House Bill

OPD Washington Bureau
September 9, 1939

A bill introduced in the Colombian House of Representatives would appropriate 1,000,000 pesos for the manufacture by the government of chemical fertilizers for sale at cost to agriculturalists, according to information received at the Department of Commerce from the office of the American commercial attache, in Bogota. The selling price would include amortization of the capital invested within twenty years. The bill would authorize the government to engage the services of one or more technicians to make the necessary surveys and plans, and to direct the production of potash, ammonium sulphate, nitrogen, superphosphates, sulphuric acid and similar chemicals whose basic materials are alleged to exist in the country.

Nitrogenous gases are reported in Volcancitos, near the Magdalena river. Nitrate ore is said to exist in Valledupar in deposits similar to the Chilean. Potassium salts can be produced from basic materials found near Bogota, a plant for the purpose being estimated to cost around 150,000 pesos. Mineral phosphate deposits are reported in the Carare. The sulphur deposits of Paramo del Ruiz and of Gacheta have been cited as a potential source of supply for the manufacture of sulphuric acid.

United Chemicals, Inc., this city, reported to the Securities and Exchange Commission that it had reacquired 1,408 shares of its outstanding $3 cumulative participating preferred stock from August 3 to August 31, reducing the number of shares outstanding to 25,285 shares.

SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

SEP 1939
XUM

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, STEARIC—55 bgs, Manufacturers Chem Co, Mercier, Antwerp
ALCOHOL, DENATURED—1,200 dms, C P Chemical Solvents, Manuela, Ponce
ANTIMONY, ORE—865 bgs, 126,038 lbs, Philipp Bros, Sessa, Arica
SULPHIDE ORE—400 bgs, 71,500 lbs, W R Grace & Co, Santa Maria, Callao
ARROWROOT—1 bg, P Munoz, Coamo, Trujillo
ARSENIC, RED—175 dms, 41,580 lbs, American Cyanamid & Chem Co, Black Tern, Antwerp
WHITE, POWD—50 dms, Industrial Sales Corp, Henri Jaspar, Antwerp
ASBESTOS—10,000 bgs, Asbestos, Ltd, Extavia, Limassol
ASPHALT—986 bgs, A V Berner & Co, Seatrain New York, Havana
170 bgs, Monterey, Havana
BARYTES, LUMP—3 cars, United Color Pigment Co, Seatrain New York, Havana
BAY RUM, DENATURED—100 bbls, Hudson Tea & Spice Co, Manuela, San Juan
BISMUTH, REFD—150 bxs, 33,213 lbs, Cerro de Pasco Corp, Santa Maria, Callao
BLEACHING POWDER—305 dms, H H Rosenthal Co, Nankai, Yokohama
BONE MEAL—1 bg, Wilson & Co, Brazil, Santos
BRISTLES—55 cs, Naruto, Dairen
75 cs, N Wagman & Co, Naruto, Tientsin
115 cs, H Rosenhirsch & Co, Naruto, Dairen
28 cs, F H Cone & Co, Naruto, Tientsin
55 cs, Hirshenhorn & Sons, Naruto, Tientsin
136 cs, F H Cone & Co, Naruto, Tientsin
35 cs, Kane Import Co, Naruto, Tientsin
20 cs, Chesnut, Cooper & Co, Aquitania, Southampton
132 cs, Freedman & Slater, President Harding, Southampton
14 cs, President Harding, Southampton
5 cs, H Rosenhirsch Co, Nankai, Kobe
75 cs, H Hirshenhorn & Son, Nankai, Tientsin
91 cs, S K Adams, Nankai, Tientsin
11 cs, Nankai, Tientsin
26 cs, National Bank & Trust Co, Nankai, Tientsin
25 cs, Goldman Sachs Co, Nankai, Tientsin
55 cs, Philadelphia Natl Bank, Nankai, Tientsin
13 cs, F H Cone & Co, Nankai, Tientsin
CADMIUM—181 cs, Industrial Sales Corp, Henri Jaspar, Antwerp
CARAWAY SEED—150 bgs, 16,500 lbs, L Gromowitz, Black Tern, Rotterdam
150 bgs, 16,500 lbs, Levy & Levis Co, Black Tern, Rotterdam
CASEIN—4,000 bgs, 440,000 lbs, American British Chem Supplies, Mormactide, Buenos Aires
CELERY SEED—103 bgs, 15,862 lbs, Byron Shipping Co, Exochorda, Marseilles
CHEMICALS—80 cks, Haas Bros, Mercier, Antwerp
85 cks, Advance Solvents & Chem Co, Oslofjord, Oslo
100 bgs, 11,000 lbs, Innis, Speiden & Co, Black Tern, Antwerp
40 cks, 1 cs, 10 bgs, 2 dms, Industrial Sales Corp, Henri Jaspar, Antwerp
CINNABAR—14 bbls, 1 cs, 3,654 lbs, A Hurst & Co, Exochorda, Leghorn
CINNAMON—50 bls, City of Khios, Colombo
CLOVES—64 bgs, Catz American Co, Kota Radja, Belawan Deli
COBALT ANODES—1 cs, Central Trading Co, Mercier, Antwerp
COCHINEAL—32 bgs, 3,383 lbs, W R Grace & Co, Santa Maria, Callao
COCOA BEANS—1,629 bgs, Exiria, Lisbon
206 bgs, Agostino-Canale, Panama, Cristobal
250 bgs, Panama, Cristobal
1,006 bgs, Wessel, Kulenkampf & Co, Antigua, Port Limon
400 bgs, American Produce Co, Flora, Curacao
2,000 bgs, Flora, Curacao
226 bgs, Flora, Puerto Cabello
500 bgs, Wood & Selick, Brazil, Trinidad
250 bgs, J Aron & Co, Brazil, Trinidad
550 bgs, Brazil, Trinidad
199 bgs, Curacao Trading Co, Ponce, Puerto Plata
500 bgs, Carr Bros, Ponce, Puerto Plata
500 bgs, W R Grace & Co, Santa Maria, Guayaquil
200 bgs, Santa Maria, Guayaquil
100 bgs, Meyer & Co, Santa Elena, Puerto Cabello
233 bgs, Wessel, Duval & Co, Elena, Puerto Cabello
250 bgs, Santa Elena, Puerto Cabello
1,050 bgs, Nieschlag & Co, Santa Elena, Cristobal
300 bgs, Wessel, Kulenkampf & Co, Santa Elena, La Guaira
250 bgs, Santa Elena, La Guaira
1,000 bgs, Bankers Trust Co, Mormactide, Bahia
RESIDUE—3,125 bgs, 550,000 lbs, H J Baker & Bros, Black Tern, Rotterdam
COCONUTS—300 bgs, I L Toledano Corp, Panama, Cristobal
130 bgs, Universal Import & Export Co, Manuela, Mayaguez
489 bgs, General Food Corp, Manuela, San Juan
200 bgs, I L Toledano Corp, Manuela, San Juan
500 bgs, Universal Import & Export Co, Jamaica, Kingston
1,757 bgs, General Food Corp, Jamaica, Kingston
488 bgs, Jamaica, Kingston
500 bgs, J A Manton, Jamaica, Kingston
COCONUT, DESIC—260 cs, J H Vavasseur & Co, City of Khios, Colombo
COLORS—1 cs, Favor, Ruhl & Co, President Harding, Havre
1 ck, 165 lbs, Exochorda, Genoa
CORK—81 bls, H Suhl, Extavia, Djidjelli
31 bls, Manuela, Ponce
WOOD—45 bls, Armstrong Cork Co, Exiria, Seville
1,160 bls, Manufacturers Trust Co, Exiria, Seville
6,966 bls, Extavia, Djidjelli
105 bls, Armstrong Cork Co, Extavia, Djidjelli
506 bls, H Suhl, Extavia, Djidjelli
2,300 bls, Extavia, Djidjelli
COTTON LINTERS—25 bls, 16,066 lbs, Wessel, Duval & Co, Santa Maria, Paita
CUTTLEFISH BONES—185 cs, 6,512 lbs, Pipestone County, Bordeaux
CYMOL—39 dms, Scanyork, Helsingfors
ERGOT—20 cs, 2,934 lbs, S B Penick & Co, Exiria, Lisbon
FAT—10 bbls, W A Cleary, Oslofjord, Oslo
FERROALLOY—123 bbls, National City Bank, Oslofjord, Liege
FILTER, PAPER—78 bls, J Manheimer, Aquitania, Southampton
FLAVORING COMP—24 dms, Manuela, San Juan
GAMBIER—121 cs, L Littlejohn & Co, Mapia, Singapore
GINGER ROOT—57 bgs, B H Old & Co, Jamaica, Kingston
166 bgs, A G Dunn, Jamaica, Kingston
114 bgs, C T Wilson & Co, Jamaica, Kingston
200 bgs, Barclay Bank, Jamaica, Kingston
114 bgs, Knickerbocker Mills Co, Jamaica, Kingston
50 bgs, Jamaica, Kingston
1 bg, Caribbean Trading Co, Seatrain New York, Havana
8 bgs, Sion Solomon, Seatrain New York, San Juan
5 bgs, D Steengrafe, Manuela, San Juan
GLASS, PLATE—1 cs, Brown Bros Harriman Co, Mercier, Antwerp
WINDOW—14 cs, Globe Shipping Co, American Shipper, Liverpool
76 cs, Semon, Bache & Co, Black Tern, Antwerp
858 cs, Banque Belge pour l'Etranger, Henri Jaspar, Antwerp
GLUE—10 bgs, 1,078 lbs, Transatlantic Animal By Product, Pipestone County, Bordeaux
POWDERED—30 bbls, Rex & Reynolds, Exochorda, Marseilles
GLYCERIN—1 car, Procter & Gamble Co, Seatrain New York, Havana
GOAT MANURE—750 tons, Pilgrim Trading Co, Bestum, Adicora
GRAPHITE—750 bgs, Asbury Graphite Mills, City of Khios, Colombo
GUM, ARABIC—150 bgs, City of Khios, Colombo
CHICLE—57 bls, Chicle Development Co, Jamaica, Kingston
COPAL—620 bgs, O G Innes Corp, Mercier, Antwerp
600 bgs, Stroock & Wittenberg, Mercier, Antwerp
100 bgs, S Winterbourne & Co, Mercier, Antwerp
35 bgs, Stroock & Wittenberg, Mapia, Singapore
114 baskets, Mapia, Macassar
189 baskets, D C Andrews & Co, Mapia, Macassar
50 baskets, W F Scheel, Mapia, Macassar
208 bgs, 289 baskets, O G Innes Corp, Mapia, Macassar
350 bgs, Gillespie, Rogers, Pyatt Co, Black Tern, Antwerp
80 bgs, France, Campbell & Darling, Henri Jaspar, Antwerp
100 bgs, American Cyanamid & Chem Co, Henri Jaspar, Antwerp
650 bgs, O G Innes Corp, Henri Jaspar, Antwerp
3,140 bgs, Stroock & Wittenberg, Henri Jaspar, Antwerp
DAMMAR—70 bgs, American Cyanamid & Chem Co, Mapia, Singapore
160 bgs, G W S Patterson & Co, Mapiai, Belawan Deli
200 cs, Mapia, Batavia
GUAIAC—20 cs, Shutte & Focke, Coamo, Trujillo
LOCUST BEAN—110 bgs, V M Calderon Co, Exochorda, Alexandria
50 bgs, 11,495 lbs, Exochorda, Genoa
15 bgs, 3,447 lbs, F J Keller & Co, Exochorda, Genoa
50 bgs, 11,495 lbs, Innis, Speiden & Co, Exochorda, Genoa
75 bgs, 17,241 lbs, Paul A Dunkel & Co, Exochorda, Genoa
10 bgs, 2,299 lbs, Frank Vliet Co, Exochorda, Genoa
20 bbls, 4,950 lbs, Stein, Hall & Co, Exochorda, Marseilles
GYPSUM—6,300 tons, U S Gypsum Co, Gypsum Empress, Windsor
6,300 tons, U S Gypsum Co, Gypsum King, Windsor
6,100 tons, U S Gypsum Co, Gypsum Prince, Windsor
5,900 tons, U S Gypsum Co, Gypsum Empress, Windsor
HERBS, MEDICINAL—191 bls, Peek & Velsor, Mercier, Antwerp
118 bls, S B Penick & Co, Mercier, Antwerp
IPECAC ROOT—10 bgs, Wessel, Duval & Co, Antigua, Port Limon
JALAP ROOT—8 bgs, S B Penick & Co, Monterey, Vera Cruz
18 bgs, Public Natl Bank Trust Co, Monterey, Vera Cruz
KOLA NUTS—160 bgs, D Steengrafe, Jamaica, Kingston
25 bgs, Peek & Velsor, Jamaica, Kingston
LAUREL LEAVES—306 bls, Exochorda, Piraeus
LEAD AND COPPER CONC—700 tons, United States Metal & Refg Co, Maid of Sterling, Halifax
LEAVES, MEDICINAL—34 bls, 4,520 lbs, Peek & Velsor, Exochorda, Marseilles
LOGWOOD EXTRACT—25 cks, American Dyewood Co, Jamaica, Kingston
MACE—25 cs, Catz American Co, Mapia, Macassar
16 cs, Catz American Co, Kota Radja, Belawan Deli
MAGNESIA, CARBONATE—80 bgs, Schofield-Donald Co, City of Flint, Glasgow
MAGNESITE—2,000 bgs, City of Khios, Cochin
CLINKERS — 4 bgs, E A Tutein, Naruto, Dairen
MATCHES, SAFETY—858 conts, Guaranty Trust Co, Scanmail, Helsingfors
MATE—9 kgs, Old Slip Tea Trading Co, Brazil, Santos
MEDICINAL PREPS—50 cs, Rex, Naples
9 cs, G J Wallau, President Harding, Havre
MENTHOL — 50 cs, McKesson & Robbins, Naruto, Otaru
MICA—10 cs, F D Pitts Co, Brazil, Rio de Janeiro
2 cs, Eugene Munsell & Co, Brazil, Rio de Janeiro
BLOCK—80 cs, National City Bank, Malabar, Calcutta
68 cs, Malabar, Calcutta
63 cs, City of Khios, Calcutta
25 cs, Guaranty Trust Co, Malabar, Calcutta
DISCS—3 cs, Gillespie-Rogers-Pyatt Co, Malabar, Calcutta
2 cs, Malabar, Calcutta
6 cs, City of Khios, Calcutta
MICA FILM—5 cs, Philadelphia, National Bank, Malabar, Calcutta
18 cs, National City Bank, Malabar, Calcutta
4 cs, Gillespie-Rogers-Pyatt Co, Malabar, Calcutta
1 cs, Malabar, Calcutta
9 cs, City of Khios, Calcutta
SPLITTINGS — 16 cs, Guaranty Trust Co, Malabar, Calcutta
28 cs, Gillespie-Rogers-Pyatt Co, Malabar, Calcutta
26 cs, City of Khios, Calcutta
40 cs, Malabar, Calcutta
MUSTARD SEED—336 bgs, Old Dutch Mustard Co, Naruto, Tientsin
NUTGALLS — 280 bgs, I R Boody & Co, Naruto, Hongkong
NUTMEGS—224 bgs, H P Winter & Co, Mapia, Belawan Deli
88 bgs, W J Bush & Co, Mapia, Belawan Deli
221 bgs, Geo Lueders & Co, Mapia, Belawan Deli
30 cs, Catz American Co, Mapia, Macassar
47 bgs, Irving Trust Co, Kota Radja, Samarang
OIL, BERGAMOT—90 qtr cs, 3,564 lbs, Extavia, Messina
BUTTER—10 cs, 1,885 lbs, Lekas & Drivas, Exochorda, Genoa
CAMPHOR—15 dms, Magnus, Mabee & Reynard, Naruto, Keelung
10 dms, Dodge & Olcott Co, Naruto, Keelung
9 dms, Norda Essential Oil & Chem Co, Naruto, Keelung
5 dms, Norda Essential Oil & Chem Co, Naruto, Shanghai
1 dm, Orbis Product Corp, Nankai, Yokohama
CASHEW SHELL—80 dms, City of Khios, Cochin
CASSIA—10 dms, Bingham & Co, Naruto, Hongkong
CITRONELLA—6 dms, Orbis Product Corp, Mapia, Colombo
16 dms, Mapia, Batavia
4 dms, National City Bank, Mapia, Batavia
3 dms, H P Winter & Co, Kota Radja, Batavia
36 dms, Kota Radja, Batavia
COD—100 dms, 44,000 lbs, Oslofjord, Kristiansund
120 cks, Oslofjord, Bergen
100 dms, Atlas Refg, Inc, Fort Amherst, St Johns
CODLIVER—50 bbls, Schieffelin & Co, Oslofjord, Oslo
200 dms, 50,600 lbs, Oslofjord, Kristiansund
125 dms, 31,625 lbs, Davis & Lawrence, Oslofjord, Aalesund
335 dms, H H Rosenthal Co, Oslofjord, Bergen
450 dms, 122,650 lbs, Gunning & Gunning, Oslofjord, Aalesund
900 bbls, 283,800 lbs, C L Huisking & Co, Oslofjord, Aalesund
ESSENTIAL—42 cs, Washington, Havre
3 cs, Jamaica, Kingston
33 dms, 4 cs, Exochorda, Marseilles
GERANIUM—1 dm, 1 kg, 671 lbs, J Hue, Exochorda, Marseilles
LEMONGRASS—14 dms, Volkart Bros, City of Khios, Cochin
10 dms, Bank of Manhattan, City of Khios, Cochin
62 dms, City of Khios, Cochin
LIME, DIST—11 dms, Dodge & Olcott Co, Brazil, Trinidad
18 dms, Fritzsche Bros, Brazil, Trinidad
22 dms, Ungerer & Co, Brazil, Trinidad
40 cs, Jamaica, Kingston
LUBRICATING—140 dms, Mercier, Antwerp
100 dms, Webbal Service Co, Henri Jaspar, Antwerp
50 dms, Henri Jaspar, Antwerp
NEATSFOOT—1 bx, Swift & Co, Brazil, Buenos Aires
OLIVE—75 dms, Public National Bank & Trust Co, Exiria, Seville
50 dms, Sterling National Bank & Trust Co, Exiria, Seville
70 dms, Exiria, Seville
50 dms, E M Sergeant Pulp & Chem Co, Exiria, Lisbon
770 cs, Exiria, Lisbon
11 cks, 52 cs, Extavia, Palermo
50 dms, Agash Refg Corp, Exochorda, Piraeus
30 dms, Moosalina Prod Corp, Exochorda, Piraeus
100 dms, Leghorn Trading Corp, Exochorda, Piraeus
50 dms, Bank of Greece, Exochorda, Piraeus
50 dms, Levant Amer Comm'l Co, Exochorda, Piraeus
30 dms, Ionian Bank, Exochorda, Piraeus
100 cs, Exochorda, Piraeus
100 dms, Comm'l Bank of Greece, Exochorda, Piraeus
25 dms, S A Stone, Exochorda, Piraeus
100 dms, Lekas & Drivas, Exochorda, Piraeus
100 dms, Venice Import Co, Exochorda, Piraeus
20 dms, G W Sheldon & Co, Exochorda, Piraeus
5,700 cs, Exochorda, Leghorn
700 cs, Exochorda, Genoa
100 dms, Strohmeyer & Arpe Co, Exochorda, Marseilles
50 dms, A Fiore & Co, Exochorda, Marseilles
57 dms, N Hurwitz, Exochorda, Marseilles
35 dms, Exochorda, Marseilles
ORANGE—2 cs, Fritzsche Bros, Panama, Port Prince
PATCHOULI—2 dms, Mapia, Batavia
1 cs, H P Winter & Co, Kota Radja, Batavia
1 dm, Guaranty Trust Co, Kota Radja, Batavia
PERILLA—332 tons, Mitsui & Co, Naruto, Dairen
PIMENTO LEAF—8 cs, Gillespie & Co, Jamaica, Kingston
SOYBEAN—200 tons, 20 cwt, Mitsui & Co, Nankai, Dairen
SPERM—20 dms, Welch, Holme & Clark, Wacosta, Glasgow
TANNING—15 bbls, J Faunce, Fort Amherst, Halifax
VETIVER—2 dms, Kota Radja, Batavia
YLANG YLANG—1 dm, 134 lbs, Exochorda, Marseilles
PAPAIN—10 cs, R J Prentiss & Co, Malabar
PAPRIKA—25 bgs, J Raphael & Sons, Exiria, Lisbon
50 bgs, Archibald & Kendall, Exiria, Lisbon
25 bgs, Exiria, Lisbon
PARAFFIN—6,400 bgs, Asiatic Petroleum Corp, Mapia, Belawan
4,800 bgs, Asiatic Petroleum Corp, Mapia, Tandjong Priok
1,694 bgs, Standard Oil Co of N J, Mapia, Tandjong Priok
4,960 bgs, Asiatic Petroleum Corp, Kota Radja, Sourabaya
PARAFFIN—3,388 bgs, Standard Oil Co of N. J., Kota Radja, Palembang
500 bgs, Asiatic Petroleum Corp, Kota Radja, Sourabaya
PEPPER—300 bgs, American Shipper, Liverpool
WHITE—243 bgs, Kota Radja, Pk Pinang
PETROLEUM, CRUDE—95,497 bbls, Cities Service Oil Co, Norvik, Las Piedras
108,227 bbls, Standard Oil Co of N J, H H Rogers, Las Piedras
103,672 bbls, Standard Oil Co of N J, Koll, Las Piedras
93,417 bbls, Standard Oil Co of N J, F W Abrams, Guiria
83,887 bbls, Standard Oil Co of N J, Leda, Guiria
95,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
REFINED—125 dms, R F Cruickshank, Carolina Thorden, Copenhagen
PIMENTO—50 bgs, Mincing Trading Co, Jamaica, Kingston
50 bgs, I Harrison & Whitney, Jamaica, Kingston
800 bgs, Barclay Bank, Jamaica, Kingston
PUMICE—995 bgs, 99 tons, J H Rhodes & Co, Extavia, Canneto
3,910 bgs, 462,396 lbs, C B Chrystal & Co, Extavia, Canneto
LUMP—2,263 bgs, 420 tons, J H Rhodes & Co, Extavia, Canneto
2 cks, 396 lbs, C B Chrsytal & Co, Extavia, Canneto
QUEBRACHO, BARK—28 bgs, R J Gates, Brazil, Buenos Aires
EXTRACT—1,769 bgs, International Product Corp, Brazil, Buenos Aires
QUICKSILVER—54 flasks, Chase Natl Bank, Agwistar, Tampico (option London)
RADIUM—2 cs, Radium Chem Co, Mercier, Antwerp
3 cs, Radium Chem Co, Henri Jaspar, Antwerp
ROOT, MEDICINAL—137 bgs, 22,297 lbs, Exochorda, Marseilles
SABADILLA SEED—52 bgs, Flora, Porto Cabello
SALT—500 bgs, Independent Salt Co, Flora, Turks Island
SENNA LEAVES—120 bls, City of Khios, Colombo
SHELLAC—550 bgs, Wm Zinsser & Co, Malabar, Calcutta
1,303 bgs, E E Androvette, Malabar, Calcutta
200 bgs, Guaranty Trust Co, Malabar, Calcutta
110 bgs, 35 cs, Mac Lac Co, Malabar, Calcutta
1,750 bgs, A Hurst & Co, Malabar, Calcutta
500 bgs, Wm Zinsser & Co, Washington, Havre
BUTTON LAC—25 bgs, Mac Lac Co, Malabar, Calcutta
50 bgs, Guaranty Trust Co, Malabar, Calcutta
SEEDLAC—350 bgs, Mac Lac Co, Malabar, Calcutta
300 bgs, W Zinsser & Co, Malabar, Calcutta
200 bgs, Ralli Bros, Malabar, Calcutta
1,200 bgs, Guaranty Trust Co, Malabar, Calcutta
700 bgs, National City Bank, Malabar, Calcutta
200 bgs, Brown Bros Harriman Co, Malabar, Calcutta
400 bgs, Ralli Bros, City of Khios, Calcutta
250 bgs, Mac Lac Co, City of Khios, Calcutta
400 bgs, Mantrose Corp, City of Khios, Calcutta
200 bgs, Guaranty Trust Co, City of Khios, Calcutta
400 bgs, City of Khios, Calcutta
SHIP COMPOSITION—33 cs, A L Burlank & Co, Oslofjord, Oslo
SIENNA—29 bbls, 17,545 lbs, Reichard Coulston, Exochorda, Leghorn
SILVER SULPHIDES—91 bgs, 6,006 lbs, Santa Maria, Antofagasta
SOAP—400 cs, 18,409 lbs, Conti Product Corp, Exochorda, Leghorn
SODA SILICOFLUORIDE—80 bbls, 23,760 lbs, Harshaw Chem Co, Scanmail, Copenhagen
SULPHATE—400 bgs, 66,000 lbs, W R Grace & Co, Santa Maria, Antofagasta
URANATE ORANGE—120 cks, Central Trading Corp, Henri Jaspar, Antwerp
URANATE YELLOW—90 dms, Central Trading Corp, Henri Jaspar, Antwerp
SPONGES—31 bls, Oriente, Havana
7 bls, Monterey, Havana
33 bls, Schroeder & Tremayne, Monterey, Havana
REFUSE—39 bls, Oriente, Havana
5 bls, Monterey, Havana
SQUILL LIQUID, RED—12 cs, Ratin Laboratory, Scanyork, Copenhagen
STARCH RICE, POWD—280 bbls, 64,680 lbs, Stein, Hall & Co, Black Tern, Antwerp
25 bbls, 5,775 lbs, Braun Import Co, Black Tern, Antwerp
200 bbls, Arabal Mfg Co, Henri Jaspar, Antwerp
STEARIN, OLEO—50 tcs, Welch, Holme & Clark, Brazil, Buenos Aires
TALC—1 bg, Mitsui & Co, Naruto, Hongkong
700 bgs, 154,000 lbs, C B Chrystal & Co, Pipestone County, Bordeaux
1,200 bgs, 264,000 lbs, Whittaker, Clark & Daniels, Pipestone County, Bordeaux
1,100 bgs, 242,000 lbs, L A Salomon & Bros, Pipestone County, Bordeaux
301 bgs, 66,220 lbs, Hammill & Gillespie, Pipestone County, Bordeaux
TALLOW, VEGETABLE—500 bls, National City Bank, Naruto, Shanghai
TANKAGE—3,548 bgs, Mormactide, Santos
TAPIOCA, FLAKE—1,988 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
FLOUR—1,000 bgs, Mapia, Cheribon
5,060 bgs, Stein, Hall & Co, Mapia, Sourabaya
250 bgs, Sino Java Hvg, Mapia, Batavia
3 pkgs, Mapia, Cheribon
560 bgs, Continental Bank Trust Co, Kota Radja, Pasoeroean
13,879 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
200 bgs, Stein, Hall & Co, Kota Radja, Batavia
870 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
1,592 bgs, Stein, Hall & Co, Kota Radja, Cheribon
250 bgs, Java American Export Co, Kota Radja, Cheribon
1,750 bgs, Kota Radja, Cheribon
750 bgs, Kota Radja, Batavia
498 bgs, Guaranty Trust Co, Kota Radja, Cheribon
792 bgs, Chase Natl Bank, Kota Radja, Cheribon

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TODAY'S MARKET SITUATION

September 21, 1939

Gentlemen:—

A report on what might be described as the second phase of developments may prove to be timely; in any event, we hope that it will be interesting.

Developments of the past few days force us reluctantly to admit that we seem to be in for a long war, and, aside from the effect on our particular trade, dealing with the situation idealogically, the outlook is anything but bright.

These developments of the last few days have had their effect on trade in all parts of the world. There has been an additional rush into this market from foreign sources to cover requirements.

In principle, many of these requirements must be looked after and, fortunately, as outlined in our previous circular, our country today is in much better position to do so than was the case at the outbreak of the war in 1914. However, the situation today is different insomuch as with no experience to go by at that time, speculators after a short time came into a commanding position. Today that condition does not yet exist.

Firstly, our American manufacturers deserve commendation and support in their determination to keep prices stable and to supply the domestic trade with legitimate requirements. Buyers should take heed, and cooperate with these manufacturers by not laying in goods beyond their legitimate requirements and even if prices are advanced as they must be through increased cost of production, these advances can be kept within reason if buying is done in a sensible way; and we repeat our previous suggestion that where goods are purchased for resale, buy normally and fix your selling prices on the basis of your costs.

On articles of strictly domestic manufacture and production, there have been comparatively few actual price changes, but the whole market gives the appearance of scarcity due to a rush to cover from whatever sources supplies may be available. The result has been that reports have gotten about that prices far beyond manufacturers' schedules have been paid, and there is much "scare buying" which we are all trying to discourage.

On those articles entirely dependent on foreign sources, higher prices are naturally in effect because further supplies are so uncertain.

COD LIVER OIL. With all other sources of supply shut off, Norway is attempting to furnish the world's requirements. Supplies there are fairly plentiful and the duration of the war becomes the deciding factor. Norway is the main supplier of the high grade medicinal oil for human consumption, and, aside from the natural advance that has taken place, freight rates have been increased by about one hundred per cent and war risk insurance rates, too, are higher.

The nominal spot price for natural oil is $40.00 to $45.00 per barrel and for high potent oil, which is particularly scarce and difficult to get, prices are proportionately higher.

CAMPHOR. In Japan prices have advanced substantially and it is being offered sparingly from there. Our sole domestic producers (DuPont) are doing their best to keep the situation on an even keel. When they entered the field with their product, the immediate result was a substantial lowering of prices, and they have up to now maintained their selling prices on about that level. With foreign supplies materially reduced, the domestic supply, too, has been abnormally cut into.

It is still impossible with any degree of accuracy to issue a price list, but with the first indication of quieting down, we will do so.

Very truly yours,

CHAS. L. HUISKING & CO., INC.

TAPIOCA, PEARL—258 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
SEED—97 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
TAR, VEGETABLE—3 dms, 1,608 lbs, J Hue & Co, Exochorda, Marseilles
TARTAR—205 bgs, 45,100 lbs, Standard Brands, Exiria, Lisbon
540 bgs, Standard Brands, Extavia, Oran
THYME LEAVES—40 bls, 4,400 lbs, Peek & Veisor, Exochorda, Marseilles
TOILET PREPS—5 cs, Saks & Co, Aquitania, Southampton
TOLU BALSAM—20 cs, H E Botzow, Santa Elena, Barranquilla
25 cs, Pan American Export & Import Co, Santa Elena, Barranquilla
UMBER—1,963 bgs, 200 tons, C K Williams & Co, Extavia, Larnaca
550 bgs, 50 tons, J Lee Smith & Co, Extavia, Larnaca
3,965 bgs, 425 tons, Reichard-Coulston, Extavia, Larnaca
30 bxs, 1 ton, Reichard-Coulston, Extavia, Larnaca
URANIUM OXIDE, BLACK—300 cks, 32,227 lbs, Central Trading Corp, Black Tern, Antwerp
250 dms, Central Trading Corp, Henri Jaspar, Antwerp
VALONIA, BEARDS—1,210 bgs, 220,000 lbs, Barkey Import Co, Extavia, Behram
CUPS—1,001 bgs, 144,100 lbs, Barkey Import Co, Extavia, Behram
2,810 bgs, 382,800 lbs, Barkey Import Co, Extavia, Chanak
VANADIUM—4,969 bgs, 579,385 lbs, Vanadium Corp, Santa Maria, Callao
VANILLA BEANS—8 cs, Thurston & Braidich, Monterey, Vera Cruz
21 cs, Gillespie & Co, President Harding, Havre
44 cs, 4,411 lbs, Irving Trust Co, Exochorda, Marseilles
27 cs, 3,960 lbs, Thurston & Braidich, Exochorda, Marseilles
26 cs, 5,775 lbs, Exochorda, Marseilles
VARNISH—2 cs, Favor, Ruhl & Co, President Harding, Havre
WAX—200 cs, H H Rosenthal Co, American Merchant, Avonmouth
BEES—50 bgs, Carr Bros, Coamo, Trujillo
68 bgs, D Steengrafe, Antigua, Havana
37 bgs, Agwistar, Tampico
111 bgs, Monterey, Havana
CANDELILLA—830 bgs, M Argueso & Co, Agwistar, Tampico
SPERMACETI—100 cs, Strohmeyer & Arpe, Wacosta, Glasgow
ZINC CHLORIDE—42 dms, 23,496 lbs, American Cyanamid & Chem Co, Black Tern, Antwerp
ZINC-AMMONIA CHLORIDE—20 cks, 11,836 lbs, American Cyanamid & Chem Co, Black Tern, Antwerp

New York Transit Imports

CADMIUM METAL—100 cs, Mercier, Antwerp, Detroit
CAMPHOR, CRUDE—500 cs, Eastman Kodak Co, Naruto, Keelung, Rochester
ERGOT—24 cs, 4,356 lbs, Eli Lilly & Co, Exiria, Lisbon, Indianapolis
VANILLA BEANS—60 cs, Monterey, Vera Cruz, Philadelphia

Baltimore Imports

CHROME ORE—2,005 tns, Exchange, Merasine
IRON ORE—7,953 tns, Leo J Buck, Inc, Lulea, Narvik
LEATHER WASTE—1,000 bgs, Manchester Exporter, Manchester
MANGANESE ORE—7,400 tns, Mount Pera, Rio Janeiro; 3,500 tns, City of Lyons, Calcutta
MOLASSES—11,404,560 lbs, Cuba Distilling Co, Carrabulle, Jucaro; 5,498,580 lbs, Cuba Distilling Co, Carrabulle, Cienfuegos
OIL, LUBRIC—120 dms, Black Heron, Antwerp
MUSTARD SEED—75 dms, Kano, Kobe
PEATMOSS—300 bls, Black Heron, Rotterdam
POTASH SULPHATE—446 tns, N V Potash My, Sally Maersk, Hamburg
PYRITES—8,367 tns, Teviotbank, Huelva; 4,750 tns, Pencarrow, Stratoni
SAND, FURNACE—200 bgs, Black Heron, Rotterdam
TANKAGE—1,816 bgs, Montevideo, Santos; 1,016 bgs, Montevideo, Montevideo; 2,816 bgs, Montevideo, Buenos Aires

Boston Imports

AMMONIA SULPHOCYANIDE—50 cks, 6,559 lbs, F A Kertess, Black Falcon, Rotterdam
BONEMEAL—1,200 bgs, 121,694 lbs, Mormacrey, Buenos Aires
BONES—1,127 bgs, 135,631 lbs, National City Bank, Mormacrey, Montevideo
310,203 lbs, Swift & Co, Mormacrey, Montevideo
CASEIN—1,667 bgs, 220,504 lbs, National City Bank, Mormacrey, Buenos Aires
834 bgs, 110,318 lbs, Mormacrey, Buenos Aires
834 bgs, 110,318 lbs, Chemical Bank & Trust Co, Mormacrey, Buenos Aires
CELERY SEED—15 bgs, 2,315 lbs, Exochorda, Marseilles
CHEMICALS—50 dms, 22,046 lbs, Black Falcon, Antwerp
55 bbls, 21,881 lbs, Philipp Bros, Black Falcon, Antwerp
650 bgs, 129,659 lbs, Black Falcon, Antwerp
COCOA BEANS—250 bgs, 45,001 lbs, W R Grace & Co, Grete Maersk, Cristobal
250 bgs, 45,000 lbs, General Cocoa Co, Inc, Grete Maersk, Cristobal
500 bgs, W R Grace & Co, Hokuroku, Cristobal
2,000 bgs, 264,552 lbs, W R Grace & Co, Mormacrey, Bahia
8,000 lbs, 1,058,208 lbs, Mormacrey, Bahia
BUTTER—10 cs, 1,113 lbs, S L Bartlett Co, Black Falcon, Rotterdam
COCONUT, DESIC—50 cs, Philippine Dessicated Cocoanut Corp, Tai Yin, Zamboanga
150 cs, Wilbur, Ellis & Co, Hokuroku, Davao

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EELGRASS—447 bls, Samuel Cabot, Evangeline, Yarmouth
FISH LIVERS—685 tins, Atlantic Coast Fisheries Export Corp, Grete Maersk, Yokohama
57 tins, Grete Maersk, Yokohama
527 tins, Hokuroku, Yokohama
MEAL—6,800 bgs, 680,000 lbs, Kano, Kobe
SWORDFISH—70 cans, L C Hewson, O K Service IV, La Have, N S
GINGER ROOT—10 bskts, Quong Wah Lung, Tai Yin, Hongkong
GLASS, WINDOW—598 cs, 45,496 lbs, American Express Co, Black Falcon, Antwerp
GLUESTOCK, FISH—16 bxs, 5 bbls, J R Poole Co, Evangeline, Yarmouth
3 bbls, R Ranagan, Evangeline, Yarmouth
1 bbl, Reba Fisheries, Evangeline, Yarmouth
GUM, ARABIC—100 bgs, City of Khios, Colombo
MEDICINAL PREPS—20 cs, Quong Wah Lung, Tai Yin, Hongkong
15 cs, Lun Hing High, Tai Yin, Hongkong
MICA SPLITTINGS—33 cs, National City Bank, India
56 cs, Guaranty Trust Co, India
WASHER—10 cs, First National Bank, India
MILK POWDER—420 bgs, 44,917 lbs, H K Webster Co, Black Falcon, Rotterdam
200 bgs, 22,487 lbs, Balfour-Guthrie Co, Black Falcon, Rotterdam
NAPHTHALENE—2,500 bgs, 557,212 lbs, Black Falcon, Rotterdam
NIGELLA SEED—27 bgs, City of Khios, Calcutta
OIL, FUEL—38,000 bbls, 1,596,000 gls, Colonial Beacon Oil Co, Peter Hurll, Aruba
NEATSFOOT—50 trcs, 24,471 lbs, Mormacrey, Buenos Aires
TAR—25 dms, 13,863 lbs, Gilet Carbonizing Co, Black Falcon, Antwerp
OSSEIN—2,000 bgs, 223,987 lbs, J O Whitten Co, Black Falcon, Antwerp
1,000 bgs, 102,503 lbs, Atlantic Gelatine Co, Black Falcon, Antwerp
PETROLEUM, CRUDE — 68,115 bbls, 10,256 tons, Colonial Beacon Oil Co, Peter Hurll, Las Piedras
POTASH MURIATE—501,106 lbs, First National Bank, Black Falcon, Antwerp
QUEBRACHO EXTRACT—1,300 bgs, 109,113 lbs, Mormacrey, Buenos Aires
1,956 bgs, 210,433 lbs, International Products Corp, Mormacrey, Buenos Aires
636 bgs, 68,279 lbs, Tannin Corp, Mormacrey, Buenos Aires
SENNA LEAVES—13 bls, City of Khios, Calcutta
PODS—20 bls, City of Khios, Calcutta
SHELLAC—100 bgs, Grace Nat Bank, India
SEEDLAC—800 bgs, Philadelphia National Bank, from India
200 bgs, First National Bank, from India
SOAP—1 cs, 121 lbs, S S Chemical Co, Exochorda, Genoa
STARCH, CHEMICALLY TREATED—100 bgs, 11,023 lbs, A M Meincke & Son, Black Falcon, Rotterdam
2,000 bgs, 220,460 lbs, Black Falcon, Rotterdam
POTATO—280 bgs, 44,092 lbs, H S Cramer Co, Black Falcon, Rotterdam
TAPIOCA FLAKE—142 bgs, National City Bank, City of Kimberley, Sourabaya
FLOUR—552 bgs, Kota Radja, Panaroekan
273 bgs, National City Bank, Kota Radja, Sourabaya
2,004 bgs, Kota Radja, Cheribon
250 bgs, Kota Radja, Batavia
VANILLA BEANS—10 cs, 1,102 lbs, Exochorda, Marseilles

Houston Imports

TANKAGE—1,120 bgs, Delmundo, Buenos Aires

Los Angeles Imports

AGAR AGAR—30 lbs, Yamazuki, Yokohama
AMMONIA, PHOSPHATE — 4,000 sx, 398,720 lbs, Rosebank, Trail
SILICOFLUORIDE — 3,720 lbs, Lochmonar, Rotterdam
SULPHATE—3,200 sx, 320,320 lbs, Rosebank, Vancouver
ASBESTOS FIBER—15,000 bgs, 1,680,000 lbs, Bronnoy, Quebec
BABASSU KERNELS—834 bgs, 110,320 lbs, West Ivis, Maranhao; 5,079 bgs, 672,000 lbs, Evanger, Maranhao
CAMPHOR, REFD—100 lbs, Amagisan, Yokohama
CANARY SEED—224 bgs, 22,400 lbs, Evanger, Buenos Aires
CARAWAY SEED—100 bgs, 10,900 lbs, Lochmonar, Haarlem
CASTORSEED—788 sx, 107,570 lbs, Evanger, Ceara
CINNAMON—5,000 lbs, President Taft, Colombo
CLEANER—100 lbs, Lochmonar, Maastricht
COALTAR, CRUDE—50 pkgs, 24,050 lbs, Gregalia, Hull
PRODUCTS—4 lbs, Naruto, Tokio; 10 lbs, Amagisan, Yokohama
COCONUT, DESIC—2,961 pkgs, 242,860 lbs, Hulda Maersk, Manila
COCONUTS—250 bgs, 35,560 lbs, Amerika, Kingston
COPRA—1,176,000 lbs, Bradford City, Philippine Islands
CAKE—1,000 bgs, 100,970 lbs, Tosari, Manila
MEAL—10,000 bgs, 1,000,000 lbs, Tosari, Manila; 29,680 bgs, 2,968,000 lbs, Bradford City Manila; 6,000 sx, 600,000 lbs, Hulda Maersk, Manila
CORIANDER SEED—5,290 lbs, Casablanca
DRUGS—5 lbs, Asama, Kobe; 1,200 lbs, President Coolidge, Hongkong
CRUDE—800 lbs, President Coolidge, Hongkong; 11,500 lbs, President Taft, Hongkong
FISH LIVERS—20 tins, 800 lbs, President Taft, Manila; 420 tins, 16,800 lbs, Asama, Japan
FLINT PEBBLES—200 sx, 44,800 lbs, Amerika, Denmark
GASOLINE—4 dms, 310 lbs, Lochmonar, Curacao
GELATIN, EDIBLE — 5,780 lbs, Lochmonar, Rotterdam
GINGER, CRUDE—500 lbs, President Taft, Hongkong
GLASS, SHEET — 100 cs, 8,660 lbs, Fella, Milan; 339 cs, 37,130 lbs, Fella, Leghorn
IRON OXIDE—125 bbls, 68,890 lbs, Malaga
KEROSENE, DISTILLATE—2,200 bbls, Laura Maersk, Hongkong; 70,967 bbls, Bahrein, Curacao; 106,000 bbls, Thorsholm, Curacao; 6,842 bbls, Silvermaple, Calcutta
LEAD, ACETATE—20 cks, 11,020 lbs, Lochmonar, Rotterdam
LIME—660 bgs, 39,930 lbs, Rosebank, Vancouver
MAGNESIA, SILICOFLUORIDE — 6,610 lbs, Lochmonar, Rotterdam
MEDICINAL PREPS—32 lbs, Asama, Kobe; 10 lbs, Amagisan, Kobe; 150 lbs, Amagisan, Yokohama; 450 lbs, President Coolidge, Hongkong; 310 lbs, President Taft, Hongkong
MUSTARD, PREP—4,930 lbs, Lochmonar, London
OIL, ALMOND, SWEET — 1,120 lbs, Lochmonar, London
CHINAWOOD—100 dms, 42,000 lbs, President Taft, Hongkong
CITRONELLA—1,670 lbs, Tosari, Batavia
OIL, CODLIVER—25 dms, 5,620 lbs, Lochmonar, Bergen; 15 dms, 3,380 lbs, Benjamin Franklin, Bergen
DIESEL—70,650 bbls, Toei, Tsurumi-Osaka; 1,457 bbls, Vitus Bering, Porto Armuelles; 65,630 bbls, Brajara, Tsurumi; 37,942 bbls, Zuiyo, Mojave; 20,996 bbls, Zuiyo, Onagawa
EUCALYPTUS — 2,180 lbs, Monterey, Melbourne
FUEL—35,455 bbls, Castana, Honolulu; 13,138 bbls, Toei, Tsurumi-Osaka; 16,946 bbls, Brajara, Tsurumi
LUBRICATING—200 dms, Amerika, Copenhagen
NUT — 20 dms, 8,580 lbs, President Taft, Tientsin
OLIVE—25 dms, 10,840 lbs, Fella, Leghorn; 75 dms, 33,530 lbs, Malaga
PEANUT—720 lbs, President Taft, Hongkong
ORANGE PEEL, DRD—20 lbs, President Coolidge, Hongkong
PAPRIKA, GRD—5,500 lbs, Budapest
PARAFFIN—1,600 bgs, 224,000 lbs, Tosari, Sourabaya
PEATMOSS—1,000 bls, 154,340 lbs, Lochmonar, Rotterdam; 48 pkgs, 6,720 lbs, Este, Bremen; 1,750 bls, 174,720 lbs, Amerika, Malmo
PERFUME—50 lbs, Lochkatrine, England
PETROLEUM, CRUDE—36,277 bbls, Nippon, Japan
POPPYSEED—5,450 lbs, Lochmonar, Haarlem
QUEBRACHO EXTRACT—400 bgs, 43,140 lbs, Buenos Aires, Asuncion; 400 bgs, 43,350 lbs, West Cactus, Asuncion
RESIN, VINYL—1,000 lbs, Montreal
ROSIN—1,760 lbs, Athens
RICE FLOUR—980 lbs, Amagisan, Yokohama
SESAME SEED—400 lbs, Amagisan, Yokohama; 150 lbs, Asama, Yokohama; 56 bgs, 11,200 lbs, President Taft, Hongkong
SIENNA, GRD—20 bbls, 11,210 lbs, Fella, Leghorn
SOAP, POWD—20 lbs, Naruto, Tokio
TOILET—120 lbs, Naruto, Tokio; 30 lbs, Lochmonar, London; 260 lbs, London
SODA, CYANIDE—309 dms, 101,140 lbs, Lochmonar, Frankfurt
SOYBEANS—2,000 lbs, Asama, Kobe
STARCH, POTATO — 100 bgs, 21,830 lbs, Lochmonar, Rotterdam
TANKAGE—999 bgs, 99,940 lbsfi West Cactus, Buenos Aires
TAPIOCA FLOUR—252 bgs, 28,040 lbs, Tosari, Sourabaya
TOILET PREPS—3 lbs, Havre; 80 lbs, Naruto, Tokio; 150 lbs, Amagisan, Yokohama
WHITING, BOLTED — 420 bgs, 45,830 lbs, Amerika, Copenhagen

Mobile Imports

BAUXITE ORE, CRSHD—2,350 tons, Haalegg, Paramaribo
2,328 tons, Nordvangen, Paramaribo
3,020 tons, Erik Boye, Paramaribo

New Orleans Imports

BAUXITE ORE—2,850 tons, Aluminum Ore Co, Lago, Paramaribo
350 tons, Aluminum Ore Co, Lago, Port of Spain
COCOA BEANS—400 sx, D Gherardelli Co, Sixaola, Bocas del Toro
COCONUTS—300 sx, Standard Fruit & S S Co, Contessa, Ceiba
300 sx, Fruit Dispatch Co, Toloa, Tela

Norfolk Imports

AMMONIA, SULPHATE—1,449 tons, Bradley & Baker, Beemsterdijk, Rotterdam
BONEFLOUR—1,103 bgs, Beemsterdijk, Rotterdam
CALCIUM, NITRATE—1,000 bgs, Synthetic Nitrogen Prod Corp, Tortugas, Heroen
1,268 tons, Synthetic Nitrogen Prod Corp, Tortugas, Heroen
COCOA RESIDUE—2,500 bgs, H J Baker & Bros, Beemsterdijk, Rotterdam
CORKWASTE—9,151 bls, 417 tons, Monstella, Leixoes, Portugal
2,580 bls, 159 tons, Monstella, Lisbon, Portugal
MANGANESE ORE—8,325 tons, E J Lavino & Co, Philadelphia, Pa; Hindpool, Takoradi
MICA, SCRAP—1,070 bgs, City of Bagdad, Calcutta
667 bgs, City of Bagdad, Calcutta
PEATMOSS—600 bls, Marine Midland Trust Co, N Y; Beemsterdijk, Rotterdam
STARCH, POTATO—500 bgs, Stein, Hall & Co, N Y; Beemsterdijk, Rotterdam

Philadelphia Imports

BRISTLES—25 cs, Philadelphia National Bank, Tai Yin, Shanghai
CANARY SEED—50 bgs, Ashenbach & Miller, Exchange, Casablanca
CELERY SEED—70 bgs, Estrella, Marseilles
CHROME ORE—1,000 tons, Bank of Athens, Examelia, Aghia Marina
256 tons, 9 cwt, 3 qrs, 8 lbs, E J Lavino & Co, City of New York, Beira
CLEANER—18 dms, Wm J Jones & Co, Noordam, Rotterdam
COCOA BEANS—1,000 bgs, Bankers Trust Co, Mormacsun, Bahia
RESIDUE, GRD—300 bgs, Woodward & Dickerson, Noordam, Rotterdam
COCONUT, DESIC—375 cs, Dodwell & Co, Tai Yin, Manila
CORK, FLOATS—40 bgs, Estrella, Lisbon
SHAVINGS—559 bls, Estrella, Lisbon
FERTILIZER—982 bgs, Chas Hollinshead, Mormacsun, Buenos Aires
FISH LIVERS, FROZEN—276 tins, Simlo Chemical Co, Kiyokawa, Yokohama
FLUORSPAR—1,250 tons, Estrella, St Raphael
FURNACE SAND—1,200 bgs, Noordam, Rotterdam
GLYCERIN—20 dms, Estrella, Marseilles
GYPSUM, CRUDE—4,900 tons, United States Gypsum Co, Gypsum Prince, Windsor
LEAVES—90 bls, Estrella, Marseilles
LICORICE ROOT—3,270 bls, Tannin Corp, Examelia, Izmir
10,833 lbs, 744 bgs, MacAndrews & Forbes Co, Examelia, Taranto
MANGANESE SULPHATE—60 cks, Noordam, Rotterdam
MILK POWDER—400 bgs, Noordam, Rotterdam
200 bgs, Balfour, Guthrie & Co, Noordam, Rotterdam
NAPHTHALENE—1,250 bgs, Noordam, Rotterdam
OCHER—70 cks, F B Vandegrift & Co, Estrella, Marseilles
OIL, CORN—79,937 kilos, Noordam, Rotterdam
OLIVE—660 cs, Examelia, Leghorn
SPERM—25,886 kilos, Noordam, Rotterdam
PEATMOSS—360 bls, Noordam, Rotterdam
300 bls, Maine Midland Trust Co, Noordam, Rotterdam
PETROLEUM, CRUDE—92,906 bbls, Atlantic Refining Co, Permian, Las Piedras
100,395 bbls, Gulf Oil Corp, Sveadrott, Las Piedras
109,111 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
PIMENTO—150 bgs, Estrella, Alicante
QUEBRACHO EXTRACT—350 bgs, International Products Corp, Mormacsun, Buenos Aires
500 bgs, The Tannin Corp, Mormacsun, Buenos Aires
SARDINE MEAL—1,000 bgs, Mitsubishi Shoji Kaisha, Hokuroku, Kobe
TANKAGE—1,014 bgs, H J Baker & Bros, Mormacsun, Buenos Aires
WATTLE BARK—1,347 bls, City of New York, Mombassa

Portland, Ore., Imports

CASSIA—10 bls, Wah Young Co, Corneville, Hongkong
OIL, LUBRIC—13 dms, Holman Transfer Co, Loch Katrine, London
PARAFFIN—1,600 sks, Shell Oil Co, Manoeran, Balikpapan
PEANUTS—200 sks, Mitsui & Co, Inc, Manoeran, Manila
SHELLED—300 sks, M S Cowen Co, Silvermaple, Manila
300 sks, Balfour, Guthrie & Co, Ltd, Silvermaple, Manila
PEATMOSS—280 bls, Bank of California, N A, Loch Katrine, Rotterdam
TANKAGE—2,240 sks, Manoeran, Calcutta
TAPIOCA FLOUR—137 sks, American Trust Co, Manoeran, Cheribon
SEED—30 sks, Bank of California, N A, Manoeran, Cheribon

San Diego Imports

CREOSOTE—1,600 tons, Bernuth-Lemcke Co, Evina, Amsterdam

San Francisco Imports

ACID, FATTY—200 sks, Mitsubishi Shoji Kaisha, Asama, Yokohama
200 sks, Otis, McAllister & Co, Atago, Yokohama
ANISE—50 bls, Wah Young Co, President Taft, Hongkong
ARGOLS—68 sks, Bank of California, N A, President Polk, Marseilles
BRISTLES—382 cs, S Hirshenhorn & Sons, President Taft, Shanghai
55 cs, A M Capen's Sons, President Taft, Shanghai
105 cs, H Rosenhirsch & Co, President Taft, Shanghai
50 cs, Samuel Zietlin's Sons, President Taft, Shanghai
181 cs, F H Cone & Co, President Taft, Shanghai
55 cs, Adolphe Hurst & Co, President Taft, Shanghai
50 cs, Haroco Co, President Taft, Shanghai
CAMPHOR, REF'D—10 cs, S Ishimitsu Co, Asama, Kobe
CARAWAY SEED—75 sks, Loch Monar, Rotterdam
CASSIA—100 bls, D Hecht & Co, Bradford City, Hongkong
300 bls, S L Jones & Co, President Taft, Hongkong
CHEMICALS—8 cs, San Antonio, Antwerp
CINNAMON—200 bls, D Hecht & Co, President Taft, Hongkong
COCOA BEANS—98 sks, H M Newhall & Co, Monterey, Pago Pago
74 sks, Burns, Philp Co, Monterey, Pago
COCONUT, DESIC—6,710 pkgs, J E Lowden, President Taft, Manila
340 cs, Peanut Specialty Co, President Taft, Manila
1,102 cs, Balfour, Guthrie & Co, President Taft, Manila
1,980 cs, Durkee Famous Foods, President Taft, Manila
5,318 pkgs, General Foods Sales Corpn, President Taft, Manila
1,750 cs, Wood & Selick, President Taft, Manila
COPRA—2,513 sks, Monterey, Pago Pago
CORKS—16 bls, I F Schnier & Co, President Polk, Marseilles
CREOSOTE—3,747 tons, Bernuth Lemcke Corpn, Evina, Amsterdam (for Oakland)
1,461 tons, Bernuth Lemcke Corpn, Evina, Middlesborough (for Oakland)
956 tons, Bernuth Lemcke Corpn, Evina, Cardiff (for Oakland)
GINGER ROOT—324 pkgs, President Taft, Hongkong
GLASS, WINDOW—47 cs, Bank of California, N A, San Antonio, Antwerp
78 cs, Bank of California, N A, San Antonio, Antwerp (for Oakland)
5 cs, Fella, Leghorn (for Oakland)
GLUE, GELATIN, POWD—10 kgs 10 dms, 20 bbls, Chas M Lee Co, Loch Monar, Rotterdam
GUM, COPAL—84 sks, Stroock & Wittenberg, President Taft, Manila
INK—5 cs, Kwong Yick, President Taft, Hongkong
5 cs, Ying Fat Lung, President Taft, Hongkong
ISINGLASS—8 cs, S Ishimitsu Co, Asama, Kobe
MARGARIN—20 cs, Schou-Gallis Co, Benjamin Franklin, Oslo
MEDICINAL PREPS—7 cs, Fung Chong, President Taft, Hongkong
1 cs, Quong Lee Co, President Taft, Hongkong
4 cs, 3 sks, Oy Wo Tong, President Taft, Hongkong
3 cs, Kwong Yick Co, President Taft, Hongkong
1 cs, Sing Chong Co, President Taft, Hongkong
3 cs, Chong Sing Co, President Taft, Hongkong
45 pkgs, Tin Shew Tong, President Taft, Hongkong
31 pkgs, Man Fook Hong, President Taft, Hongkong
35 pkgs, Tai Sang Tong, President Taft, Hongkong
1 cs, Wing Hing Chong, President Taft, Hongkong
1 cs, S Ishimitsu Co, Asama, Kobe
1 cs, Mutual Supply Co, Amagisan, Kobe
MOLASSES—319 tons, Mapele, Honolulu
1,476,000 lbs, Lahaina, Ahukini
NUTGALLS—840 sks, Brown Bros, Harriman & Co, President Taft, Hongkong
OIL, CHINAWOOD—50 dms, D Hecht & Co, President Taft, Hongkong
CODLIVER—150 dms, Benjamin Franklin, Hull
65 dms, Benjamin Franklin, Oslo
OLIVE—250 dms, Fella, Leghorn
50 dms, Monteverde & Parodi, Fella, Leghorn
55 dms, Fella, Marseilles
PERILLA—157 tons, S L Jones & Co, Asama, Kobe
164 tons, Pacific Vegetable Oil Corpn, Asama, Osaka
PEANUTS, SHELLED—300 sks, S L Jones & Co, President Taft, Manila
PEATMOSS—600 bls, Bank of California, N A, Loch Monar, Rotterdam (for Oakland)
PERFUMERY—1 cs, American Express Co, San Antonio, Havre
SESAME SEED—50 sks, President Taft, Hongkong
SILVERSAND—1,350 tons, Balfour, Guthrie & Co, San Antonio, Antwerp (for Oakland)
SOAP—25 cs, American Import Co, Fella, Marseilles
SADDLE—55 cs, Hoyt, Shepston & Sciaroni, Loch Monar, London

SODA CYANIDE—500 dms, American Cyanamid & Chemical Corpn, Loch Monar, Rotterdam (for Oakland)
STARCH—107 cs, Columbia Co, President Taft, Hongkong
SULPHUR WICKS—50 cs, P J Frawley, President Polk, Marseilles
TALLOW—14 dms, Maunalei, Kahului
150 dms, Willits & Co, Cape Horn, Auckland
75 dms, Bank of California, N A, Monterey, Sydney
TANKAGE—1,456 sks, Anglo-California National Bank, Cape Horn, Wellington
420 sks, Anglo-California National Bank, Cape Horn, Melbourne
70 sks, Anglo-California National Bank, Cape Horn, Sydney
TANNIN—33 cs, Marshall Dill, Cape Horn, Sydney
TOILET PREPS—3 cs, American Express Co, San Antonio, Havre
2 cs, American Trading Co, Monterey, Sydney
VANILLA BEANS—53 cs, Bank of California, N A, Cape Horn, Papeete
12 cs, Williams Dimind Co, Cape Horn, Papeete
WOODFLOUR—2,250 sks, B L Soberski, Benjamin Franklin, Oslo

Seattle Imports

SAGO FLOUR—36 sks, Silvermaple, Singapore
SODA NITRATE—3,592 sks, Chilean Nitrate Sales Corp, Capac, Tocopilla
TAPIOCA FLAKE—43 sks, American Trust Co, Manoeran, Sourabaya
FLOUR—137 sks, American Trust Co, Manoeran, Sourabaya

Tacoma Imports

SODA NITRATE—569 sks, Chilean Nitrate Sales Corp, Capac, Tocopilla
TAPIOCA FLOUR—725 sks, Manoeran, Batavia

Exports from U.S. Ports

New York Exports

ACETAMIDE, TECH—219 lbs, London
ACID, PHOSPHORIC—10,769 lbs, Stockholm
ALCOHOL, TETRAHYDROFURFURYL — 502 lbs, London
ARGYROL—1,548 lbs, London
ASPHALT, LIQ—25,080 lbs, Rotterdam; 38,860 lbs, Amsterdam; 78,928 lbs, London
BISMUTH METAL—13,075 lbs, London
CALCIUM CHLORIDE—96,512 lbs, London
CASEIN—1,150 lbs, London
CHALK, PRECIP—26,520 lbs, London
CHEMICALS—568 lbs, Amsterdam; 3,268 lbs, London; 1,801 lbs, London
COALTAR INTERMEDIATES—1,512 lbs, Rio de Janeiro
COLOR, DRY—4,203 lbs, London; 1,832 lbs, Rotterdam
CORN, SUGAR—28,200 lbs, Bristol
SYRUP—24,010 lbs, Cardiff; 7,700 lbs, Wiborg
DEXTRIN—43,146 lbs, London
DICHLORODIFLUOROMETHANE — 7,026 lbs, Rio de Janeiro; 4,215 lbs, Montevideo
DRUGS—7,244 lbs, London
DYES, ANILIN—2,660 lbs, Pernambuco
GLUCOSE—38,272 lbs, London
GRAPHITE, POWD—10,996 lbs, London
GREASE, LUBRIC — 5,451 lbs, Amsterdam; 5,376 lbs, Rio de Janeiro; 7,226 lbs, Bristol; 8,691 lbs, London; 8,986 lbs, Gothenburg; 756 lbs, Norrkoping; 8,220 lbs, Stockholm; 3,747 lbs, Malmo; 64,086 lbs, London; 19,234 lbs, Gothenburg
GUM, KARAYA—9,506 lbs, London; 648 lbs, London
INK, PRINTING—31,350 lbs, Stockholm
IODINE, CRUDE—2,716 lbs, London
LACQUER—1,805 lbs, Rotterdam
PASTE—2,525 lbs, London
LARD—31,125 lbs, Rotterdam; 131,950 lbs, Bristol; 6,500 lbs, Swansea; 78,039 lbs, Antwerp
OIL, BIRCH, SWEET—670 lbs, London
ESSENTIAL — 2,793 lbs, London; 672 lbs, Stockholm
LUBRICATING — 19,015 gls, Rotterdam; 22,663 gls, Amsterdam; 3,450 gls, Rio de Janeiro; 330 gls, Montevideo; 864 gls, Bristol; 6,600 gls, Swansea; 46,575 gls, London; 2,035 gls, Strassbourg; 1,540 gls, Basle; 4,830 gls, Brussels; 955 gls, Gothenburg; 588 gls, Malmo; 2,365 gls, Norrkoping; 10,500 gls, Stockholm; 3,645 gls, Riga; 4,055 gls, Malmo; 4,145 gls, London
OLEO — 70,345 lbs, Rotterdam; 23,717 lbs, Gothenburg; 23,777 lbs, Helsingborg
PEPPERMINT—1,550 lbs, Rotterdam
ORTHOCHLORPARANITRANILIN — 603 lbs, London
PAINT—5,345 lbs, London; 2,999 lbs, Rotterdam; 3,953 lbs, London
PARAFFIN—22,695 lbs, Malmo; 113,212 lbs, London; 61,285 lbs, Bristol
PECTIN—780 lbs, London
PETROLATUM, MED—90,495 lbs, London
POTASH, CAUSTIC—57,488 lbs, London
RESIN, COALTAR—13,124 lbs, London
SYNTHETIC—46,558 lbs, Amsterdam; 2,060 lbs, Antwerp; 17,682 lbs, Buenos Aires; 24,125 lbs, London
ROSIN—12,793 lbs, Norrkoping; 8,462 lbs, London; 16,293 lbs, London
SOAP—3,275 lbs, Stockholm
SODA ASH—54,912 lbs, Bristol; 57,770 lbs, London
BICHROMATE—88,479 lbs, Gothenburg
PHOSPHATE, TRI—56,896 lbs, London
SILICATE—3,9 0 lbs, London
SOLVENTS—3,003 lbs, London
STARCH, CORN — 11,280 lbs, Gothenburg; 7,050 lbs, London; 28,200 lbs, Bristol
SUPERPHOSPHATE—237 tons, Chambly Canton
TANNING EXTRACT—19,550 lbs, Bristol
VARNISH—4,020 lbs, Buenos Aires; 590 lbs, London
WITCH HAZEL EXTRACT—99,212 lbs, Bristol

Baltimore Exports

Clearance Dates

Blankaholm, September 14; Capulin, September 13; Collamer, September 9; Exchange, September 14; Liberty, September 7; Mathura, September 13; Mormacrio, September 11; Montevideo, September 16; Reinholt, September 14; Robin Adair, September 9

ASPHALT, SOLID—(Liberty) 5,300 lbs, Manchester/Glasgow; 629,566 lbs, Liverpool
BORAX—4,375 lbs, Mormacrio, Sao Paulo
CEMENT, LIQ—9,951 lbs, Mormacrio, Buenos Aires
COLOR, DRY — 1,100 lbs., Mormacrio, Sao Paulo
CORN SYRUP—(Liberty) 83,460 lbs, Liverpool; 69,659 lbs, Glasgow; 41,817 lbs, Belfast; 76,567 lbs, Dublin
DEXTRIN—10,000 lbs, Robin Adair, Port Natal
ETHYLENE DIBBOMIDE—80,000 lbs, Collamer, St Nazaire
GLAZE FRIT—200 lbs, Mormacrio, Sau Paulo
GLUE, LIQ—12 kgs, Robin Adair, Port Natal
GREASE, LUBRIC—33,950 lbs, Montevideo, Buenos Aires
HERBS—11,192 lbs, Collamer, Havre
LEAD DROSS—275,108 lbs, Mathura, Avonmouth
MEDICINAL PREPS—1,800 lbs, Capulin, London
OIL, LUBRIC—156 bbls, Liberty, Manchester
POLISH—4,618 lbs, Robin Adair, Port Natal
PORCELAIN ENAMEL FRIT—44,200 lbs, Mormacrio, Sao Paulo
POTASH, BICHROMATE—4,409 lbs, Montevideo, Ria Janeiro
8,818 lbs, Montevideo, Santos
RUBBER FILLER—67,200 lbs, Capulin, London
RUTILE—(Liberty) 24,640 lbs, Liverpool; 11,200 lbs, Glasgow
SOAP—1,120 lbs, Blankaholm, Gothenburg
SODA ASH—(Montevideo) 83,160 lbs, Rio Janeiro; 881,850 lbs, Buenos Aires
441,000 lbs, Mormacrio, Buenos Aires
224,070 lbs, Reinholt, Shanghai
BICARBONATE—220,440 lbs, Mormacrio, Buenos Aires
BICHROMATE—(Liberty) 224,000 lbs, Glasgow; 44,800 lbs, Manchester; (Montevideo) 5,512 lbs, Rio Janeiro; 3,308 lbs, Santos
CAUSTIC—441,000 lbs, Mormacrio, Buenos Aires; 165,250 lbs, Reinholt, Hongkong
SOYFLOUR—(Blankaholm) 25,000 lbs, Stockholm; 12,500 lbs, Gothenburg
STARCH—66,220 lbs, Blankaholm, Gothenburg
UREA POWDER—50,000 lbs, Mormacrio, Rio Janeiro
WOOD PRESERVATIVE—957 lbs, Exchange, Piraeus

Beaumont Exports

Clearance Date

Cranford, September 7

BLACK, CARBON—150 cs, 600 bgs, Cranford, London

Boston Exports

Clearance Dates

American Trader, September 10; Atenas, September 18; Binnendijk, September 11; Black Falcon, September 16; Darien, September 11; Evangeline, September 11, 13, 16; Exochorda, September 18; Grete Maersk, September 14; Hokuroku Maru, September 15; Lady Drake, September 9; Saint John, September 8; Yarmouth, September 12, 14

ACID, SULPHURIC—30 cbys, 5,400 lbs, Darien, Havana
AMMONIA—5 cs, 90 lbs, Saint John, Halifax
ANIMAL DIP—205 dms, 11,500 gls, Grete Maersk, Manila
BLACK, LAMP—3 bxs, 180 lbs, Yarmouth, St John, N B
BLUE, LAUNDRY—1 cs, 60 lbs, Saint John, Halifax; 1 cs, 60 lb, Evangeline, Halifax
BRISTLES—23 cs, 2,662 lbs, Yarmouth, St John, N B
CEMENT, ASBESTOS—600 bgs, Atenas, Havana
FURNACE—1 crtn, 30 lbs, Evangeline, Yarmouth, N S
RUBBER—5 cs, 27 gls, Darien, Havana
SHOE—1 bx, 100 lbs, Darien, Havana
CLEANER—20 crtns, 750 lbs, Yarmouth, St John, N B; 1 cs, 46 lbs, Lady Drake, Hamilton
COLOR, DRY—4 bxs, 200 lbs, Yarmouth, Moncton, N B
DRESSING, LEATHER—10 bls, 4,575 lbs, Black Falcon, Luxembourg, Belgium
SHOE—10 crtns, 4 cs, Darien, Havana
FLUX—1 dm, 130 lbs, Black Falcon, Rotterdam
GLAUBER'S SALT—100 bbls, 120 kgs, 42,000 lbs, Darien, Havana
GLUE—2 cs, 60 lbs, Exochorda, Cairo, Egypt
LIQUID—6 cs, 264 lbs, Darien, Cristobal
INK, WRITING—(Darien) 50 cs, 2,000 lbs, Cristobal; 2 crtns, Panama
INVALIDS' FOOD—4 cs, 95 lbs, Darien, Havana
LACQUER—5 pkgs, 106 gls, Darien, Havana
THINNER—5 dms, 4 cs, 310 gls, Atenas, Havana
LIGNIN SALT—6 crtns, 600 lbs, American Trader, London
LINING COMP—15 dms, Binnendijk, Rotterdam; (Black Falcon) 82 dms, 410 gls, Antwerp; 175 dms, 1,643 gls, Rotterdam; 104 dms, 520 gls, Hokuroku, Yokohama
MEDICINAL PREPS—4 cs, 116 lbs, Darien, Havana; 541 bdls, 19,476 lbs, American Trader, London
MOLASSES—125 bbls, 6,875 gls, Binnendijk, Rotterdam
MUCILAGE—2 pkgs, Darien, Panama
OIL, CASTOR, SULPH—54 bbls, 2,837 gls, Black Falcon, Rotterdam
COALTAR—67 dms, 25 bbls, Darien, Havana
FLOOR—1 dm, 295 lbs, Lady Drake, Georgetown
LUBRICATING—30 bbls, 1,808 gls, Black Falcon, Antwerp; 2 half dms, 130 gls, Yarmouth, St John, N B; 20 dms, 1,093 gls, Evangeline, Halifax
ONION SALT—1 kg, 100 lbs, Evangeline, Halifax
PASTE, ADHES—2 pkgs, Darien, Panama
PHENOL—25 dms, 11,200 lbs, Black Falcon, Antwerp
POLISH—1 crtn, 51 lbs, Darien, Puerto Limon
SOAP—10 cs, 300 lbs, Darien, Havana
FLAKE—80 cs, 2,675 lbs, Darien, Havana
POWDER—2 bbls, 400 lbs, Lady Drake, Bermuda
TAR—50 cs, 1,250 lbs, Darien, Havana
TOILET—50 cs, 1,188 lbs, Darien, Havana
SODA, BISULPHITE—20 dms, 8,600 lbs, Darien, Havana
SULPHIDE—22 dms, 11,398 lbs, Darien, Havana
STAIN—1 cs, 10 gls, Darien, Puerto Limon
TURPENTINE, GUM—(Yarmouth) 30 dms, 165 gls, Summerside; 5 dms, 280 gls, Amherst, N S; 100 dms, 5,600 gls, St John, N B; 4 bbls, 204 gls, Saint John, Yarmouth, N B; 1 bbl, 51 gls, Evangeline, Yarmouth
WAX, SHOE—5 cs, 255 lbs, Darien, Havana

Galveston Exports

Clearance Dates

Horda, September 12; Michigan, September 11; Trolleholm, September 12

SULPHUR—750 tons, Michigan, Dunkirk; (Horda) 892 tons, Three Rivers; 5,695 tons, Montreal; (Trolleholm) 1,100 tons, Raumo; 600 tons, Wiborg

Houston Exports

Clearance Dates

Arletta, September 7; Daytonian, September 7; Delmundo, September 12; Edam, September 7; Margaret Lykes, September 12; Tatra, September 8

BLACK, CARBON—(Daytonian) 6,701 pkgs, Liverpool; 5,320 pkgs, Manchester; (Tatra) 100 cs, 3,578 bgs, Gothenburg; 225 cs, Copenhagen; (Delmundo) 15 cs, Rio de Janeiro; 50 cs, Santos; 1,771 bgs, 41 cs, Buenos Aires
GASOLINE—37,000 bbls, Arletta, Montreal
LUBRICANTS—351 pkgs, Tatra, Oslo; 75 tons, Margaret Lykes, Cristobal
OIL, LUBRICATING—27 dms, Delmundo, Santos
PROPANE—11 cyls, Edam, Rotterdam
SULPHUR—20 tons, Delmundo, Rio de Janeiro

Los Angeles Exports

Clearance Dates

Admiral Halstead, August 30; Asama, September 6; Bahrein, September 6; Brajara, September 8; California Express, September 6; Canada, September 5; City of Newport News, August 29; City of Roubaix, September 9; Elisabeth Bakke, September 5; Hauraki, September 2; Honolulan, August 30; Hoyanger, September 5; Kokuyo, September 9; La Placentia, August 30; Laurits Swenson, August 26; Lochavon, September 10; Mojave, September 6; Monterey, September 4; Mount Taurus, August 2; Niel Maersk, September 1; Nippon, September 4; Pacific Reliance, September 7; Penrith Castle, September 1; Paul Shoup, September 2; President Polk, August 29; President Taft, September 4; Ramapo, August 30; San Clemente, September 7; Silvermaple, September 3; Sorholt, September 7; Steel Seafarer, August 31; Taiyo, August 31; Thorsholm, August 31; Toei, September 4; Vitus Bering, September 5; Wyoming, September 3; Zuiyo, September 3

ACETONE—10 dms, 3,580 lbs, Niel Maersk, Hongkong; 10 dms, 3,580 lbs, Silvermaple, Calcutta; 50 dms, 17,900 lbs, Hoyanger, Buenos Aires; 6 dms, 2,150 lbs, City of Roubaix, Manila
ACID, BORIC—600 bgs, 67,200 lbs, Silvermaple, Calcutta; 550 pkgs, 67,200 lbs, Laurits Swenson, London; 50 sx, 5,000 lbs, City of Newport News, Havana; 200 bgs, 22,400 lbs, Elizabeth Bakke, Manchester; (Wyoming) 300 bgs, 33,080 lbs, Antwerp; 200 bgs, 22,050 lbs, Rotterdam; 1,000 bgs, 112,000 lbs, Havre; 200 bgs, 22,400 lbs, Hauraki Sydney; 300 bgs, 33,600 lbs, Lochavon, Glasgow
ALCOHOL, BUTYL—1 dm, 370 lbs, Silvermaple, Calcutta; 20 dms, 7,380 lbs, Sorholt, Shanghai
DENATURED—2,160 lbs, Niel Maersk, Hongkong
AMYL ACETATE — 3,970 lbs, Niel Maersk, Hongkong
ASPHALT—(Niel Maersk) 25 dms, 11,660 lbs, Manila; 620 bgs, 136,640 lbs, Yokohama; 249 bgs, 56,000 lbs, Osaka; 57 bgs, 11,200 lbs, Kobe
CRUDE—151 bgs, 30,260 lbs, Pacific Reliance, London
GILSONITE—(Niel Maersk) 35 bgs, 7,500 lbs, Yokohama; 170 bgs, 35,480 lbs, Osaka
LIQUID—50 dms, 23,410 lbs, Silvermaple, Calcutta
BORATE—(Laurits Swenson) 12,890 pkgs, 1,940,050 lbs, London; 4,280 bgs, 515,200 lbs, Liverpool; (Wyoming) 5,360 bgs, 8,393,000 lbs; Dunkirk; 4,693 bgs, 599,990 lbs, Antwerp
BORAX—(Silvermaple) 50 bgs, 5,600 lbs, Madras; 1,150 bgs, 128,800 lbs, Calcutta; (Laurits Swenson) 3,900 bgs, 435,800 lbs, London; 4,280 bgs, 515,200 lbs, Liverpool; 175 bgs, 19,600 lbs, President Polk, Bombay; 100 bgs, 11,200 lbs, Penrith Castle, Hongkong; 1,440 bgs, 168,000 lbs, Elisabeth Bakke, Manchester; 714 bgs, Monterey, Sydney; (Hauraki) 150 bgs, 16,800 lbs, Auckland; 90 bgs, 10,080 lbs, Wellington; 170 bgs, 19,040 lbs, Lyttleton; 40 bgs, 4,480 lbs, New Plymouth; 240 bgs, 26,880 lbs, Melbourne; (Wyoming) 4,800 bgs, 560,000 lbs, Havre; 1,120 bgs, 134,400 lbs, Antwerp
BUTYL ACETATE—1 dm, 390 lbs, Silvermaple, Calcutta; 20 dms, 7,880 lbs, Sorholt, Shanghai
CATTLE HOOFS—588 bgs, 30,000 lbs, Taiyo, Osaka
CLAY—(Silvermaple) 200 bgs, 22,400 lbs, Rangoon; 200 bgs, 22,400 lbs, Calcutta
GROUND—221 cks, 22,400 lbs, Silvermaple, Tarakan; 40 dms, 18,000 lbs, City of Newport News, Maracaibo; 2,000 sks, 201,600 lbs, President Polk, Al Khobar; 110 bgs, 12,320 lbs, Hoyanger, Buenos Aires
CLEANER—4,200 lbs, City of Newport News, Cristobal; (President Taft) 560 lbs, Manila; 7,280 lbs, Hongkong; 200 lbs, Wyoming, Brussels
DIATOMACEOUS EARTH—(Silvermaple) 100 bgs, 10,000 lbs, Sourabaya; 1,200 bgs, 120,000 lbs, Pamanoekan; (Laurits Swenson) 264 bgs, 27,060 lbs, London; 330 bgs, 33,000 lbs, Helsingfors; 4 bgs, 320 lbs, Oslo; 220 bgs, 22,000 lbs, Bergen; 652 bgs, 66,180 lbs, Fredrikstad; 20 bgs, 2,000 lbs, Penrith Castle, Manila; 60 bgs, 6,000 lbs, Pacific Reliance, Manchester; (Hoyanger) 224 bgs, 24,640 lbs, Rosario; 450 bgs, 44,330 lbs, Buenos Aires; 1,800 bgs, 179,800 lbs, Elisabeth Bakke, Manchester; (Hauraki) 672 bgs, 67,200 lbs, Auckland; 40 bgs, 4,000 lbs, Lyttleton; (Wyoming) 22 bgs, 2,200 lbs, La Guaira; 66 bgs, 6,600 lbs, Antwerp; (Canada) 250 bgs, 25,000 lbs, Kingston; 210 bgs, 23,100 lbs, London; 250 bgs, Asama, Dairen; (California Express3 1,633 bgs, 163,300 lbs, London; 4,070 bgs, 268,710 lbs, Liverpool; 22 bgs, 2,200 lbs, Rotterdam
DISTILLATE—300 dms, 105,190 lbs, Sorholt, Hongkong
ETHYL KETONE—3 dms, 1,100 lbs, Silvermaple, Calcutta; 40 dms, 14,640 lbs, Sorholt, Shanghai
FERROMOLYBDENUM—22 dms, 2,310 lbs, Steel Seafarer, Haiphong
FIRECLAY—5,200 lbs, Taiyo, Yokohama
FLAXSEED—2,400 lbs, Silvermaple, Manila
GASOLINE—(Admiral Halstead) 155 cs, 40 dms, Agana; 1,001 cs, Cebu; 29,995 bbls, Kewanee, Balboa; 35 dms, 4,267 bbls, Mojave, Ketchikan; 300 dms, Sorhoff, Manila
AVIATION—12 cs, Mojave, Ketchikan
GREASE—(Silvermaple) 11 pkgs, 1,010 lbs, Singapore; 27 pkgs, 1,980 lbs, Batavia; 9 cs, 420 lbs, Medan; 2 cs, 100 lbs, Padang; 4 cs, 180 lbs, Sourabaya; 6 cs, 240 lbs, Samarang
LUBRICATING—25 pkgs, 740 lbs, Mojave, Ketchikan
HERBS, DRY—1,750 lbs, Pacific Reliance, London
KEROSENE—(Admiral Halstead) 260 cs, 66 dms, Agana; 5,001 cs, Cebu; 98 dms, Steel Seafarer, Haiphong; (Hauraki) 40 dms, Papeete; 30 dms, Wellington; 40 dms, Mojave, Ketchikan; 500 cs, 10 dms, Sorholt, Manila
DISTILLATE—6,843 bbls, Silvermaple, Calcutta; 107,878 bbls, Thorsholm, Curacao; 70,967 bbls, Bahrein, Curacao; 37,874 bbls, San Clemente, Shimotsu; 8,999 bbls, Kokuyo, Amagasaki
LACQUER—400 lbs, President Polk, Karachi; 650 lbs, Sorholt, Manila
THINNER—320 lbs, President Polk, Karachi
LINSEED, MEAL—500 sks, 50,180 lbs, Honolulan, Ponce
MAGNESIA — 2,100 lbs, Hoyanger, Buenos Aires
BLOCK—2,510 lbs, Hoyanger, Buenos Aires
METHYL ETHYL KETONE—150 dms, 54,900 lbs, Wyoming, Havre.
NAPHTHA, PETROLEUM — 20 dms, La Placentia, Vancouver
OIL, CASTOR—800 lbs, Niel Maersk, Hongkong
COTTONSEED—770 lbs, President Polk, Manila
COTTONSEED, FLAKE—800 bgs, 80,000 lbs, Silvermaple, Manila
DIESEL—4,530 bbls, Ramapo, Cavite; 10,222 bbls, La Placentia, Vancouver; 70,650 bbls, Joel, Tsurumi/Osaka; (Zuiyo) 37,942 bbls, Moji; 20,996 bbls, Onagawa; 14,168 bbls, Paul Shoup, Corinto; 1,457 bbls, Vitus Bering, Porto Ammelles; 63,630 bbls, Brajara, Tsurumi; 10,032 bbls, Mojave, Ketchikan
FUEL—15,433 bbls, Nippon, Nugata; 71,095 bbls, Ramapo, Cavite; 16,669 bbls, La Placentia, Vancouver; 13,138 bbls, 4,374,950 lbs, Joel, Tsurumi/Osaka; 51,772 bbls, 17,240,080 lbs, Paul Shoup, San Jose de Guatemala; 16,946 bbls, Brajara, Tsurumi; 9,077 bbls, Mojave, Ketchikan
FURNACE—612 bbls, Mojave, Ketchikan
LEMON—4,000 lbs, Canada, Amersfoort
LINSEED—790 lbs, Niel Maersk, Hongkong
LUBRICATING—(Silvermaple) 185 pkgs, Singapore; 99 pkgs, Batavia; 4 dms, 86 pkgs, Sourabaya; 6 dms, 32 pkgs, Samarang; 17 dms, Medan; 10 dms, Belawan; 19 pkgs, Padang; 195 dms, Calcutta; 25 dms, La Placentia, Port Moody; 337 dms, Monterey, Melbourne; 50 pkgs, President Taft, Bangkok; 6 pls, 35 cs, 67 dms, Mojave, Ketchikan
OLEO—13 bbls, 4,960 lbs, City of Roubaxl, Manila
RAD—478 dms, 249,340 lbs, Hauraki, Auckland
PAINT—100 lbs, President Polk, Karachi; 6,000 lbs, Penrith Castle, Manila
PREPARED—350 lbs, Penrith Castle, Manila
SOLUTION—(Hauraki) 220 lbs, Wellington; 2,300 lbs, Melbourne
PECTIN, CITROUS—400 lbs, Laurits Swenson, Stockholm
PETROLEUM, CRUDE—(Nippon) 20,844 bbls, Nugata; 49,114 bbls, Kudsmatsu; 50,093 bbls, La Placentia, Ioco; 80,270 bbls, Kokuyo, Amagasaki; 40,146 bbls, San Clemente, Shimotsu
GAS, LIQ—(Hauraki) 12 cyls, 2,520 lbs, Auckland; 72 cyls, 5,620 lbs, Wellington; 6 cyls, 1,260 lbs, Lyttleton; 2 cyls, 420 lbs, Dunedin; 40 cyls, 8,400 lbs, New Plymouth
PIGMENTS, CHEMICAL—1,000 lbs, Penrith, Castle, Manila
POTASH, MURIATE—7,750 bgs, 1,709,120 lbs, Niel Maersk, Kobe; 950 bgs, 208,320 lbs, Taiyo, Kobe; (Sorholt) 500 bgs, 100,800 lbs, Iloilo; 500 bgs, 100,800 lbs, Cebu
SULPHATE—(Sorholt) 1,500 bgs, 300,160 lbs, Iloilo; 500 bgs, 100,800 lbs, Cebu
RESIN, SOLUTION, SYNTH—850 lbs, Niel Maersk, Hongkong
ROSIN, GUM—(Hauraka) 3,000 lbs, Wellington; 32 bbls, 16,000 lbs, New Plymouth; 2,500 lbs, Hastings
SODA ASH—20 bbls, 6,000 lbs, Hauraki, Wellington; 1,695 bgs, 336,290 lbs, City of Roubaix, Shanghai
CAUSTIC—200 cs, 10,200 lbs, President Taft, Manila
SILICATE—200 bgs, 30,000 lbs, President Taft, Manila
SOLVENTS—1 dm, 400 lbs, Silvermaple, Calcutta
TALC, GRD—400 bgs, 20,000 lbs, Niel Maersk, Manila
TOILET PREPS—(Silvermaple) 2,510 lbs, Sourabaya; 1,000 lbs, Rangoon; 540 lbs, City of Newport News, Panama City; (President Taft) 1,780 lbs, Manila; 550 lbs, Hongkong; 2,150 lbs, Bangkok; 510 lbs, Canada, Kingston
TURPENTINE, GUM — (Hauraki) 1,920 lbs, Auckland; 1,920 lbs, Wellington; 2,300 lbs, New Plymouth; 1,540 lbs, Dunedin
UMBER, BURNT—670 lbs, Niel Maersk, Hongkong
VARNISH—1,620 lbs, Penrith Castle, Manila

New Orleans Exports

Clearance Dates

Boschdijk, August 15; Cadmus, August 16; Choluteca, August 8; Comayagua, August 23; Lysefjord, August 15; Ramo, August 25; San Pablo, August 28; Santa Marta, August 11; Sinaloa, August 11; Sixaola, August 15, 26; Sorvangen, August 26; Telde, August 25; Toloa, August 19; Ulua, August 5, 23

ASPHALT—90 tons, Boschdijk, London
LIQUID—53 tons, Boschdijk, London
PETROLEUM—14 tons, Ramo, La Guaira
BAKING POWDER—1 ton, Sixaola, Puerto Cortez
BLACK, CARBON—1 ton, Santa Marta, Valparaiso; (Boschdijk) 94 tons, London; 7 tons, Antwerp
BLUE, VITRIOL—608 tons, Lysefjord, Tela
CARBON BISULPHIDE—12 tons, Choluteca, Barranquilla; 12 tons, Comayagua, Barranquilla; 6 tons, Cadmus, Barranquilla
DIOXIDE—75 cyls, Santa Marta, Panama City
CLAY, ACTIVATED—175 tons, Toloa, Talara
GROUND—(Ramo) 47 tons, Puerto Reyes; 47 tons, Puerto Barco; 5 tons, San Pablo, Barranquilla
COTTON LINTERS—20 bls, Telde, Colon
COTTONSEED MEAL—1 ton, Ulua, Tela
FERTILIZER—50 sx, Sorvangen, Kingston
FIRECLAY—3 tons, Santa Marta, Havana
GASOLINE—(Lysefjord) 505 dms, 100 cs, Belize; 450 dms, Puerto Barrios; 20 dms, 50 cs, Livingston; 50 dms, Sinaloa, Bluefields; 50 cs, San Pablo, Colon
AVIATION—450 bbls, Lysefjord, Puerto Barrios
GREASE, LUBRIC—10 dms, Ulua, Panama City
INK—3 tons, Ulua, Havana; 2 tons, Toloa, Havana; 2 tons, Sixaola, Havana

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INSECTICIDE—2 tons, Santa Marta, Guayaquil
KEROSENE—75 cs, Ulua, Puerto Limon; 125 dms, Sixaola, Puerto Barrios; (Lysefjord) 110 dms, 100 cs, Belize; 60 cs, Livingston; 75 cs, 24 dms, 40 ctns, Toloa, Puerto Limon; 23 dms, Telde, Puntarenas; 235 cs, Sinaloa, Bluefields; (Sixaola) 300 cs, Puerto Limon; 225 dms, Bocas del Toro; 200 cs, Cadmus, Kingston; 200 cs, San Pablo, Kingston
LARD—(Santa Marta) 450 dms, 600 tins, Havana; 1,200 tins, Puerto Limon; (Ulua) 445 dms, 130 tins, Havana; 2,000 tins, Puerto Limon; 1,100 tins, Panama; 1,000 tins, Buenaventura; 145 tins, Guayaquil; (Choluteca) 50 crts, 1,612 dms, 300 tins, 225 cs, Santiago; 105 cs, 2,000 tins, Barranquilla; 1,000 tins, Cartagena; (Orotava) 100 tins, Guayaquil; 1,200 tins, Buenaventura; (Toloa) 180 tins, 470 dms, Havana; 1,900 tins, Puerto Limon; 50 tins, Panama; 450 tins, Guayaquil; (Comayagua) 625 dms, 40 tins, 150 bxs, 150 cs, Santiago; 750 tins, Barranquilla; 3,000 tins, 10 cs, Cartagena; (Telde) 1,950 tins, 5 cs, Puntarenas; 100 tins, Guayaquil; 1,100 tins, Buenaventura; 50 crts, Sinaloa, Bluefields; (Sixaola) 200 tins, Puerto Barrios; 100 tins, 600 dms, 55 tubs, Havana; 443 cs, Corozal; (Cadmus) 4,150 tins, 170 cs, Barranquilla; 600 tins, Cartagena; 125 tins, Panama; (Ramo) 23 tons, Port au Prince; 46 tons, La Guaira; 21 tons, Maracaibo; (San Pablo) 375 dms, 20 tins, 4 crts, 140 cs, Santiago; 5,200 tins, 95 cs, 10 bxs, Barranquilla; 500 tins, 50 bxs, Cartagena
SUBSTITUTE—50 tins, Santa Marta, Puerto Limon
LIME, HYDRATED—200 tons, Orotava, Puerto Armuelles; 15 tons, Toloa, Panama; 20 tons, Boschdyk, Rotterdam
QUICK—1 ton, Toloa, Panama
MILK, POWDER—1 ton, Ulua, Valparaiso
MUSTARD, PREPARED—18 tons, Orotava, Callao
OIL, COTTONSEED—11 tons, Santa Marta, Cristobal; 2 tons, Ulua, Havana; 6 tons, Comayagua, Cartagena; 11 tons, Sixaola, Havana
DIESEL—(Lysefjord), 50 dms, Belize; 25 dms, Puerto Barrios
FUEL—285 bbls, Orotava, Puntarenas; 1,150 bbls, Sorvangen, Moengo; 60 dms, Sinaloa, Bluefields
GAS—50 dms, Lysefjord, Livingston
LUBRICATING—18 dms, 10 ctns, Ulua, Buenaventura; 15 dms, Orotava, Puntarenas; (Telde) 20 dms, Corinto; 12 cyl, Sixaola, Paita; (Ramo) 68 tons, La Guaira; 42 tons, Maracaibo; 212 dms, San Pablo, Barranquilla
MOTOR—100 ctns, 5 dms, Ulua, Panama City
PINE—10 tons, Boschdyk, London
REFINED—500 cs, Santa Marta, Santa Marta; 500 cs, Ulua, Puerto Limon; 30 dms, San Pablo, Acajutla
TRANSMISSION—5 dms, Telde, Puntarenas
ORE, CONC—34 tons, Boschdyk, London
OXYGEN—16 cyl, Orotava, Puntarenas
PAINT, LIQ—1 ton, Ulua, Puerto Barrios
PARAFFIN—16 tons, Sixaola, Havana
PINETAR—4 tons, Ulua, Havana
QUEBRACHO EXTRACT—2 tons, Cadmus, Kingston; 2 tons, San Pablo, Kingston
ROSIN—(Santa Marta) 2 tons, Talcahuano; 5 tons, Mollendo; (Ulua) 25 tons, Havana; 16 tons, Buenaventura; 9 tons, Choluteca, Cartagena; 11 tons, Toloa, Havana; 19 tons, Cadmus, Cartagena
GUM—(San Pablo) 4 tons, Santiago; 27 tons, Barranquilla
WOOD—(Santa Marta) 8 tons, Puerto Limon; 2 tons, Callao; 3 tons, Ulua, Puerto Limon; 6 tons, Sixaola, Puerto Limon
SALT—50 tons, Santa Marta, Havana; (Ulua) 127 tons, Havana; 54 tons, Cristobal; 2 tons, Tela; 152 tons, Toloa, Havana; 5 tons, Sinaloa, Bluefields; 123 tons, Sixaola, Havana
COMPOUND—2 tons, Sixaola, Havana
SHRIMP BRAN—1 ton, Ulua, Colon; (Sixaola) 1 ton, Cristobal; 1 ton, Colon; 10 tons, Panama
SOAP—2 tons, Sinaloa, Bluefields
SODA, CAUSTIC—23 tons, Santa Marta, Havana
SOYBEAN MEAL—575 sx, Sorvangen, Bridgetown
STARCH, POWD—55 tons, Boschdyk, London
TAR—1 ton, Santa Marta, Cristobal
TURPENTINE—2 tons, Ulua, Havana; 40 ctns, Telde, Puntarenas; (Sixaola) 6 tons, Havana; 3 tons, Callao
WOOD—1 ton, Cadmus, Kingston; 1 ton, San Pablo, Kingston

Norfolk Exports
Clearance Dates

Black Hawk, September 5; Gloucester City, September 5

CARBITOL—50 dms, 25,750 lbs, Gloucester City, Cardiff
CHEMICALS—10 dms, 6,372 lbs, Gloucester City, Bristol
CORN SUGAR—480 bgs, 48,960 lbs, Black Hawk, Antwerp
COTTONSEED HULL SHAVINGS PULP—262 bls, 40,065 lbs, Black Hawk, Antwerp
ETHYLENEGLYCOL — 50 dms, 27,600 lbs, Gloucester City, Cardiff
MONOBUTYLETHER—50 dms, 22,550 lbs, Gloucester City, Bristol
MONOETHYLETHER—600 dms, 276,800 lbs, Gloucester City, Cardiff
MICA—(Black Hawk) 200 bgs, 20,400 lbs, Antwerp; 45 bgs, 4,590 lbs, Rotterdam
POTASH MURIATE—500 bgs, 110,230 lbs, Black Hawk, Antwerp
TERGITOL PENETRANT—2 dms, 1,069 lbs, Gloucester City, Cardiff
TRIETHANOLAMINE—100 dms, 56,100 lbs, Gloucester City, Cardiff

Philadelphia Exports
Clearance Dates

Giulia, September 11; Mormacsul, September 5; Scanmail, September 8; Scanpenn, August 31; Scanstates, September 12

ANTI-KNOCK COMP—27 dms, Mormacsul, Montevideo
BLACK, BONE—530 bgs, Scanmail, Gothenburg
BRAKE FLUID—2 dms, Scanpenn, Copenhagen
CEMENT, FURNACE—14 bbls, Scanmail, Oslo
RUBBER—3 dms, 4 pls, Scanpenn, Copenhagen; 20 dms, 10 ctns, Scanstates, Gothenburg
DICHLORODIFLUOROMETHANE — 10 cyls, Mormacsul, Buenos Aires
GLAZE—1 cs, Scanpenn, Copenhagen
GREASE, LUBRIC—13 cs, 1 qtr dm, Mormacsul, Santos; (Scanmail) 18 dms, hlf dm, 27 pkgs, Oslo; 1 cs, 8 bbls, 42 dms, Gothenburg; 2 dms, Scanpenn, Copenhagen
LICORICE MASS—(Scanmail) 20 cs, Gothenburg; 111 cs, Copenhagen
OIL, LUBRIC—(Mormacsul) 205 dms, 70 cs, Rio de Janeiro; 135 cs, 13 dms, Santos; 364 dms, Montevideo; (Scanmail) 300 ctns, 292 dms, 29 hlf dms, 1 cs, Oslo; 16 bbls, 1,056 dms, Gothenburg; 130 dms, 85 bbls, Copenhagen; 2 dms, Scanpenn, Copenhagen; 816 tons, Giulia, Genoa
PAINT—6 dms, 135 pls, Scanpenn, Copenhagen
PARAFFIN—(Scanmail) 1,512 bbls, Gothenburg; 198 bbls, 25 bgs, Copenhagen
RESIN, SYNTH—155 dms, 33 cans, Scanmail, Gothenburg
SODA, ASH—(Scanmail) 2 dms, Oslo; 1 dm, Gothenburg
CYANIDE—(Scanmail) 6 cs, Oslo; 81 dms, Gothenburg

Port Arthur Exports
Clearance Dates

Campuzano, September 8; Fenris, September 10; Garonne, September 6; Sandefjord, September 7; Turicum, September 9

GASOLINE—83,181 bbls, Garonne, Bilbao-Pasages; 63,733 bbls, Campuzano, Seville-Valencia
KEROSENE—12,971 bbls, Turicum, Copenhagen
OIL, FUEL—(Turicum) 6,567 bbls, Gothenburg; 6,341 bbls, Copenhagen
GAS—83,221 bbls, Sandefjord, Malaga-Barcelona; 35,769 bbls, Turicum, Copenhagen
LUBRICATING—2,597 bbls, 1,036 dms, Turicum, Copenhagen
PARAFFIN—7,208 bgs, Garonne, Bilboa-Pasages; 370 bgs, Campuzano, Seville-Valencia
PETROLEUM, CRUDE—108,000 bbls, Fenris, Montreal
REFINED—12,507 bbls, Turicum, Gothenburg

San Francisco Exports
Clearance Dates

Charcas, August 15; City of Lille, August 11; City of Norfolk, August 12; Dagmar Salen, August 11; Ivaran, August 11; Keiyo, August 14; Kingsley, August 14; Lima, August 12; Mariposa, August 14; Norfolk, August 15; San Ramon, August 14; Silverbelle, August 15; Taranger, August 11; West Portal, August 12

ABRASIVE PAPER—1 cs, Ivaran, Manila
ACETYLENE—(Charcas) 60 cyls, Puntarenas; 1 cyl, Guatemala
ACID, BORIC—5 bbls, Ivaran, Manila; (Mariposa) 80 sks, Australia; 10 sks, New Zealand
FATTY—(Norfolk) 290 sks, Panama; 490 sks, Ecuador
MURIATIC—10 crbys, Charcas, La Union
ALCOHOL, ISOPROPYL, ANHYD—10 dms, Lima, Gothenburg
ALUM STEARATE—5 crts, Ivaran, Manila
AMMONIA—2 cyls, Charcas, Santiago de Maria
SULPHATE—4,480 sks, Ivaran, Manila
ANISE—1 sk, Charcas, Puntarenas
APRICOT KERNELS—495 sks, Traanger, Holland; (Lima) 160 sks, Stockholm; 10 sks, Helsingborg; 15 sks, Goteborg; 900 sks, Copenhagen; 50 sks, Malmo
ASPHALT—190 dms, Mariposa, Australia; 6 dms, Charcas, Puntarenas; (Silverbelle) 404 dms, Port Elizabeth; 3,933 dms, Durban
ASPHALT, CRUDE—228 sks, Mariposa, Australia
BLACK, LAMP—10 cs, Mariposa, Australia
BLUE, ULTRAMARINE—1 cs, Charcas, Amapala
BONE ASH—2 bbls, Charcas, La Union
BORAX—180 sks, Mariposa, Australia; 10 cs, Charcas, La Union
BRAKE FLUID—15 cs, Mariposa, Australia
CALCIMINE—36 cs, Keiyo, Ciudad Trujillo
CALCIUM STEARATE—3 crts, Ivaran, Manila
CARBIDE—60 dms, Charcas, La Union
CANARY SEED—1 sk, Charcas, Acajutla
CARBON BISULPHIDE—4 cs, Kingsley, Vancouver; (Charcas) 7 dms, La Libertad; 10 dms, San Jose de Guatemala
CELLULOSE ACETATE—14 dms, Mariposa, Australia
CEMENT, LIQ—27 dms, 49 pls, Mariposa, Australia
RADIATOR—3 cs, Kingsley, Vancouver
ROOF—(Sliverbelle) 50 pls, Port Elizabeth; 2 cs, Durban
CHEMICALS—(Kingsley) 6 dms, Vancouver; 1 bbl, Victoria; 1 cs, Mariposa, Fiji Islands
CINNAMON—(Charcas) 4 bls, Amapala; 46 bls, La Libertad; 2 bls, Puntarenas; 5 bls, San Miguel; 4 bls, Tegucigalpa; 25 bls, Guayaquil
CLEANER—15 cs, Kingsley, Vancouver
LIQUID—(Silverbelle) 1 dm, Port Elizabeth; 1 dm, Beira; 1 dm, Capetown; 2 dms, Durban; 8 cs, City of Norfolk, Barranquilla
CLOVES—(Charcas) 4 bls, Amapala; 3 sks, Acajutla; 1 sk, La Libertad; 4 sks, Guayaquil; 11 bls, San Jose de Guatemala; 10 sks, Champerico
COALTAR—1 dm, Charcas, Guatemala
COLOR, DRY—(Kingsley) 3 bbls, Vancouver; 2 kgs, Victoria; 21 cs, Norfolk, Costa Rica; 7 bbls, 2 kgs, Mariposa, Australia; (Charcas) 30 cs, Guayaquil; 2 cs, San Salvador; 5 bbls, City of Norfolk, Costa Rica
COPPERAS—25 bbls, Charcas, Corinto
CUMIN SEED—(Charcas) 3 sks, Amapala; 1 sk, Puntarenas; 6 sks, La Libertad; 2 sks, San Jose de Guatemala
DENTAL SUPPLIES—7 dms, Mariposa, Australia
DENTIFRICE—1 cs, Mariposa, Apia
DRUGS, CRUDE—182 sks, Mariposa, Australia
EGG YOLK, POWD—2 bbls, City of Norfolk, Cristobal
FERTILIZER—20 sks, Charcas, Puntarenas
FILLER, WOOD—4 cs, Charcas, Callao
FLYSPRAY—6 dms, Kingsley, Vancouver; 1 cs, Norfolk, Colombia; 12 cs, Charcas, Guatemala
GASOLINE—(Charcas) 200 dms, 620 cs, Puntarenas; 75 cs, La Union
GINGER ROOT—6 sks, Mariposa, Australia
GLASS, PLATE—(Ivaran) 2 cs, Manila; 3 cs, Baguio; 1 cs, Mariposa, Papua
GLUCOSE—1 cs, Charcas, La Libertad
GLUE—1 cs, Kingsley, Vancouver
GRAPHITE—1 dm, 1 cs, Kingsley, Vancouver
GREASE—1 dm, Kingsley, Vancouver
LUBRIC—3 dms, 18 qtr dms, 25 pls, 25 cs, Kingsley, Vancouver; 232 dms, Mariposa, Australia; (Charcas) 26 cs, 1 dm, Puntarenas; 2 cs, 21 pls, La Union; 20 pls, San Jose de Guatemala
GUM, SHELLAC, DRY—5 bbls, Kingsley, Vancouver
HOPS—34 bls, Mariposa, Australia
INK—1 cs, Mariposa, New Guinea
PRINTING—(Kingsley) 1 cs, Vancouver; 6 dms, Victoria; 10 dms, Mariposa, Australia; 84 dms, Charcas, Valparaiso
WRITING—17 cs, Kingsley, Vancouver
INSECTICIDE—2 bbls, Charcas, Puntarenas
KEROSENE—100 cs, Norfolk, Costa Rica; 80 cs, Charcas, San Jose de Guatemala
LACQUER—(Charcas) 11 cs, San Salvador; 26 pls, Mexico City; 1 cs, Guatemala; (Silverbelle) 43 cs, Johannesburg; 20 cs, Durban, 21 cs, 3 pls, East London
THINNER—(Charcas) 2 cs, San Salvador; 5 pls, Guatemala; (Silverbelle) 15 dms, Durban; 3 cs, 60 pls, 5 dms, East London; 12 dms, Lourenco Marques
LEAD ARSENATE—8 dms, 466 cs, Mariposa, New Zealand
ACETATE—2 pkgs, Charcas, La Union
RED—(Charcas) 8 dms, Mexico City; 10 kegs, San Salvador
WHITE, IN OIL—1 bbl, Charcas, Puntarenas
LIME—(Charcas) 300 dms, San Juan del Sur; 4,444 dms, Salaverry
LITHARGE—4 pkgs, Charcas, La Union
LUBRICANT—1 cs, Mariposa, Australia
MEDICINAL PREPS—44 cs, Ivaran, Manila; 17 pkgs, City of Norfolk, Kingston; (Mariposa) 1 cs, Australia; 6 cs, Fiji Islands; 3 cs, New Guinea; 2 cs, Charcas, Puntarenas
MINERAL SPTS—150 dms, Norfolk, Chile
MUCILAGE—1 cs, Kingsley, Vancouver
NUTMEGS—(Charcas) 3 sks, Acajutla; 1 sk, La Libertad
OIL, APRICOT KERNEL—10 dms, Lima, London
CASTOR—1 cs, Mariposa, Apia; 1 cs, Norfolk, Colombia
COCONUT—30 cs, 33 bbls, Mariposa, New Zealand; (Charcas) 20 cyls, Guayaquil; 5 dms, San Jose de Guatemala
ACIDULATED—65 dms, Norfolk, Ecuador
COTTONSEED—8 dms, Kingsley, Vancouver
DIESEL—7,310 bbls, Ivaran, Shanghai; 52,950 bbls, San Ramon, Japan; 5 dms, Norfolk, Chile; 10 dms, Charcas, Paita
FISH—1,000 sks, 25 cs, Norfolk, Mexico City
FUEL—19,620 bbls, San Ramon, Japan
LINSEED—1 cs, Charcas, La Union
BOILED—4 kgs, Norfolk, Colombia
LUBRICATING—5 cs, Ivaran, Manila; 4,268 bbls, Dagmar Salen, Japan; 65 dms, Lima, Cartagena; 75 dms, Kingsley, Vancouver; (Mariposa) 1 cs, New Zealand; 1,316 dms, Australia; (Norfolk) 61 dms, Colombia; 110 dms, Chile; 150 dms, Ecuador; (Charcas) 19 dms, 65 cs, Puntarenas; 26 dms, 25 cs, La Union; 6 dms, Pimentel; 5 dms, Pacasmayo; 3 dms, Chimbote; 20 dms, Callao; 6 dms, La Libertad; 10 dms, Pisco; 28 dms, 35 cs, San Jose de Guatemala; (Silverbelle) 20 cs, Beira; 10 dms, Port Elizabeth; 30 dms, 815 cs, Lourenco Marques; 15 dms, 10 cs, East London; 115 dms, Durban; 20 dms, 65 cs, 500 pls, Capetown; 30 dms, Mombasa
MINERAL, WHITE—205 cs, Kingsley, Vancouver
MIRBANE—3 cs, Charcas, Corinto
PALM—(Charcas) 2 bbls, San Juan del Sur; 6 dms, La Libertad
SPRAY—8 dms, 10 pls, Silverbelle, Capetown
TRANSFORMER—180 dms, Norfolk, Chile
WHALE—2 dms, Charcas, Santa Ana
ORANGE PEEL—5 bbls, Kingsley, Vancouver
OXYGEN—11 cyls, Charcas, Corinto
PAINT—69 cs, 145 kgs, Ivaran, Manila; 75 cs, City of Norfolk, Panama; 45 cs, 1 kg, Keiyo, Ciudad Trujillo; 151 cs, 10 pls, Norfolk, Costa Rica; (Charcas) 14 cs, San Salvador; 14 cs, 10 kgs, Guayaquil; 5 cs, Guatemala; 57 cs, Corinto; (Silverbelle) 10 pls, 6 cs, Port Elizabeth; 6 cs, Durban; 14 cs, Johannesburg; 110 pls, 1 dm, 20 cs, Beira
ALUMINUM—2 cs, Charcas, San Salvador
ASPHALT—9 dms, Kingsley, Vancouver
ENAMEL—(Silverbelle) 29 cs, Johannesburg; 6 cs, Durban
LIQUID—2 dms, Charcas, Guatemala
PASTE—3 kgs, Charcas, Guatemala
PREPARED—10 kgs, Mariposa, Apia; (Charcas) 27 dms, Callao; 13 cs, 4 kgs, San Salvador; 33 kgs, 14 cs, Guatemala
THINNER—2 cs, Charcas, San Salvador
PARAFFIN SCALE—26 bbls, Ivaran, Manila
PEPPER, BLACK—50 sks, Keiyo, Giudad Trujillo; (Charcas) 8 sks, Corinto; 8 sks, Managua; 4 sks, Amapala; 1 sk, Puntarenas; 5 sks, Acajutla; 11 sks, La Libertad; 4 sks, Tegucigalpa; 35 sks, Guayayuil; 10 sks, San Jose de Guatemala
PERFUMERY—3 dms, 4 cs, Mariposa, Australia
PETROLATUM—25 pls, Charcas, San Jose de Guatemala
PETROLEUM—76 dms, Mariposa, Australia; (Silverbelle) 110 dms, 25 cs, Durban; 20 dms, Capetown; 50 dms, Mombasa
THINNER—1 cs, Charcas, San Jose de Guatemala
PIMENTO—15 sks, Mariposa, Australia
PINETAR—1 dm, Charcas, Guatemala
POLISH—(Silverbelle) 8 cs, 20 pls, Johannesburg; 2 pls, 2 cs, East London; 8 cs, Port Elizabeth 1 cs, Mariposa, Papua
POTASH XANTHATE—8 dms, City of Lille, China; 120 dms, Charcas, Callao
PUTTY—(Charcas) 3 cs, Mexico City; 1 cs, San Salvador; (Silverbelle) 8 cs, Johannesburg; 5 cs, East London
RESIN, SYNTH—2 dms, Kingsley, Victoria
SALT—375 sks, Kingsley, Vancouver; 1,302 pkgs, 550 cs, Mariposa, New Zealand
SALTCAKE—1 bbl, Kingsley, Ocean Falls
SEALING COMP—1 cs, 2 dms, Charcas, Guayaquil
SHELLAC, DRY—1 cs, Charcas, San Salvador
SHOE POWDER—2 crts, Mariposa, Australia
SOAP—4 cs, Mariposa, Apia
LAUNDRY—4 cs, City of Norfolk, Barranquilla
TOILET—1,200 cs, Ivaran, Shanghai; 1 cs, Mariposa, Apia; 1 cs, Charcas, Amapala
SODA ALUM SULPHATE—2 bbls, Kingsley, Victoria
ASH—(Charcas) 1 bbl, Amapala; 2 sks, Santa Ana
BICHROMATE—11 sks, Charcas, Santa Ana
CAUSTIC—(Charcas) 1 dm, Amapala; 15 dms, San Juan del Sur; 6 dms, La Libertad; 5 dms, Champerico
CYANIDE—30 dms, Charcas, La Union
SAL—1 sk, Charcas, Guatemala
SILICATE—272 dms, 50 bbls, Kingsley, Vancouver; (Charcas) 3 dms, Amapala; 5 dms, La Libertad
SOLVENTS—10 dms, West Portal, Santos
SOYBEAN FLOUR—12 sks, Mariposa, Australia
STARCH—3 sks, Mariposa, Australia
STEARIN—200 sks, Norfolk, Ecuador
SULPHUR—(Mariposa) 305 sks, New Zealand; 60 dms, 80 sks, Australia; (Charcas) 10 sks, Corinto; 10 sks, San Salvador
FLOWERS—20 sks, Charcas, San Jose de Costa Rica
REFINED—22 sks, Mariposa, New Zeland
TALLOW—(City of Norfolk) 150 dms, Vancouver; 50 dms, Panama; 60 dms, Norfolk, Colombia; (Charcas) 165 dms, Corinto; 40 dms, San Juan del Sur; 25 dms, Amapala; 5 dms, San Jose de Guatemala
TALC—(Charcas) 40 sks, Corinto; 5 dms, San Jose de Guatemala
TAPIOCA—(Charcas) 3 sks, Puntarenas; 5 sks, San Jose de Guatemala; 60 sks, Guayaquil; 1 sk, Guatemala; 4 sks, Amapala
TOILET PREPS—2 cs, City of Lille, Philippine Islands; 2 dms, Ivaran, Hongkong; 1 cs, West Portal, Paramaribo; 31 cs, Kingsley, Vancouver; (Mariposa) 51 cs, Australia; 2 cs, Tongan Islands; 1 cs, Papua; 1 cs, New Guinea; 1 cs, Solomon Islands; 1 cs, Apia; (Charcas) 5 cs, Corinto; 2 cs, San Jose de Guatemala
TREE SEAL—11 cs, Mariposa, New Zealand; 16 cs, Silverbelle, Capetown
WASH—(Mariposa) 2 cs, New Zealand; 4 dms, 184 cs, Australia
VARNISH—5 cs, Mariposa, San Salvador; 2 cs, Charcas, Amapala
WATERPROOFING COMP—2 cs, Charcas, San Salvador
WOOD PRESERVATIVE—6 dms, Charcas, San Salvador
YERBA MATE—10 bbls, Mariposa, Australia
ZINC DUST—154 dms, Ivaran, Manila; 100 dms, Mariposa, Australia; (Charcas) 10 cs, La Union; 20 cs, Lomas; 100 cs, Amapala
HYDROSULPHITE—112 dms, Lima Stockholm; 2 dms, Norfolk, Peru

Tampa Exports
Clearance Dates

General Tosta, September 7; Gro, September 8; Lady Slater, September 11; Sorvangen, August 31

BAKING POWDER—13 cs, Lady Slater, Georgetown
COALTAR INTERMEDIATES—5 bbls, Sorvangen, Kingston
CYANAMIDE—1 ctn, General Tosta, Belize
DRUGS—6 ctns, 1 bx, 1 cs, Lady Slater, Georgetown
GASOLINE—2 dms, General Tosta, Belize; 107 dms, Lady Slater, Georgetown
INVALIDS' FOOD—6 cs, Lady Slater, Georgetown
KEROSENE—9 dms, Lady Slater, Georgetown
MUSTARD—1 cs, Lady Slater, Georgetown
PHOSPHATE—6,437 tons, Gro, Montreal
SOAP, LAUNDRY—9 cs, Lady Slater, Georgetown
TOILET—5 ctns, Lady Slater, Georgetown
SODA ASH—500 lbs, Sorvangen, Kingston
PHOSPHATE, TRI—250 lbs, Sorvangen, Kingston

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—70,635 bbls, Edward L Doheny, Baytown; 72,705 bbls, Watertown, Baytown
OIL, FUEL—2,481 bbls, C A Canfield, Baytown
PETROLEUM, CRUDE—(Thermo) 49,505 bbls, Texas City; 50,334 bbls, Baytown; 87,785 bbls, R W Gallagher, Baytown; 111,423 bbls, W C Teagle, Baytown

Los Angeles Coast Trade

GASOLINE—59,000 bbls, Camden, Portland; 45,139 bbls, Warwick, Oakland; 14,087 bbls, San Diegan, San Diego; 61,975 bbls, Mojave, Seattle; 48,715 bbls, J J Coney, Seattle; 69,455 bbls, Huguenot, San Francisco; 15,788 bbls, L P St Clair, Portland
KEROSENE—4,822 bbls, L P St Clair, Portland
OIL, DIESEL—8,000 bbls, Camden, Portland; 10,032 bbls, Mojave, Seattle; 4,894 bbls, J J Coney, Seattle; 11,621 bbls, Huguenot, San Francisco; 983 bbls, San Diegan, San Diego; 7,856 bbls, L P St Clair, Portland
FUEL—67,994 bbls, Lebec, Oleum, 68,744 bbls, M H Whittier, Avon; 53,101 bbls, Brazos, San Diego; 2,392 bbls, Coast Trader, Portland; 68,482 bbls, Pat Doheny, Portland; 9,077 bbls, Mojave, Seattle; 52,909 bbls, Cuyama, San Diego; 48,000 bbls, Kanawha, Bremerton; 7,608 bbls, James Griffiths, Seattle; 76,856 bbls; Sylvan Arrow, Providence; 65,352 bbls, D G Scofield, Bayonne
FURNACE—1,223 bbls, Mojave, Seattle; 2,700 bbls, J J Coney, Seattle; 2,143 bbls, L P St Clair, Portland
PETROLEUM, CRUDE—35,715 bbls, L P St Clair, Oleum; 69,273 bbls, Solana, Avon
SOLVENTS, CLEANING—4,820 bbls, L P St Clair, Portland

Recent Charters

PETROLEUM—5,849 tons, S S Dalfonn, dirty, Aruba-Venezuela, to North of Hatteras, 20c a barrel; September
3,883 tons, S S Cleopatra, dirty, Aruba-Venezuela to North of Hatteras, 20c a barrel; September
4,557 tons, S S Sydhov, dirty, Aruba-Venezuela to North of Hatteras, 20c a barrel; September
5,032 tons, S S Thelma, dirty, California to Japan, $5; October
4,455 tons, S S Muskogee, crude light, Gulf to North of Hatteras, 27c a barrel; September
5,860 tons, S S G C Brovig, crude light, two trips, Venezuela to North of Hatteras, 18c a barrel; September
—— tons (Tanker), dirty, Aruba to Dakar
—— tons (Mallory Tanker), crude oil, Gulf to North of Hatteras, 23c, 26½c and 28c a barrel, according to gravity; September
9,500 tons, S S Iselin, fuel and crude oil, Venezuela to North of Hatteras, 20c a barrel; September
4,612 tons, S S Cities Service Missouri, clean, Gulf to Curacao, 30c a barrel; September
—— tons (Tanker), Gulf to Curacao, two trips, 30c a barrel; September
4,248 tons, S S Larry Doheny, crude, Gulf to Hatteras, 25c, 26½c, 28c and 29½c a barrel, followed by second voyage, same trade; minimum 25c, maximum 35c a barrel
—— tons (Tanker), crude light, Gulf to North of Hatteras, 27c a barrel; September
5,901 tons, S S Caledonia, dirty, California to Japan, $5 per ton; September-October
—— tons, S S Thor, dirty, California to Japan, $5 per ton; September-October
—— tons (Three Tankers), dirty, California to Japan, $5 per ton; September-October
3,511 tons, S S Phoenix, Gulf to Curacao, 30c a barrel; September

CHEMICALS
QUICKSILVER
SPICES
ESSENTIAL OILS

MENTHOL - PYRETHRUM - SEEDS

CAMPHOR - GLYCERIN - AGAR

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Molded Plastics

Plasticizers for Molded Plastics

(Continued from September 18 issue).

Benzyl acetylsalicylate
Benzyl adipinate
Benzyl alcohol
Benzyl benzoate
Benzyl compounds
Benzyl cyclohexylphthalate
Benzyl isoamylphthalate
Benzyl laevulinate
Benzyl pentachloroanilide
Benzyl propionate
Benzyl normal propylphthalate
Benzyl tetrachloroanilide
Benzyl propionate
Benzyl tetrachloranilide
Benzyl trichloranilide
Benzyldihydrocarvone
Benzylglucose
Benzylhydrocarvone
Benzylidene diacetate
Benzylideneglycerol
Benzylsucrose
Betabutroxyethyl benzylbenzoate
Betabutoxyethylfluorene 9-carboxylate
Betachloroethyl naphthenate
Betaethoxyethyl 2-paratoluoylbenzoate
Betagammadibromoproyl ester of coconut oil acids
Betagammadistearoxypropyl chloride
Betaine chlorate
Betaine chromate
Betaine nitrate
Betaine permanganate
Betamethyl adipate
Biguanidin nitrate
Borneol
Borneol butyrate
Borneol ethoxyacetate
Borneol ethoxychloroacetate
Borneol methoxyacetate
Borneol methoxychloroacetate
Borneol phthalate
Borneoldibromodihydrocinnamic acid
Bornyl acetate
Bromocyclohexane-1:4-dicarboxylic acid
Bromoethyl cinnamate
Butyl acetate
Butyl acetylricinoleate
Butyl adipinate
Butyl benzoate
Butyl carbamate
Butyl carbanilate
Butyl di-isoamylphosphate
Butyl laevulinate
2-Butyl octylacetate
Butyl oleate
Butyl palmitate
Butyl phosphate
Butyl propionate-acetate
Butyl resinate
Butyl stearate
Butyl tartrate
2-Butyloctanol carboxylesters
2-Butyloctanol esters
Butyleneglycol diacetate
Butylpentaerythritol
Butylphthalyl butylglycollate
Camphor
Camphor carbitolphthalate
Camphrosal
Carbonic acid phenolic esters
Carboxylic acid derivatives of secondary aliphatic aromatic amines
Carboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Casterol
Castor oil
Castor oil, acetylated
Celludol
Centralite
Cetyl salicylate
Chinawood oil
Chloral
Chlorhydrins
Chlorinated diphenyl
Chloroacetanilide
Chloroethyl cinnamate
Chloronaphthalene
Chloronaphthyl acetate
4-Chlorophthalic acid
Chloroxypropyl cinnamate
Cinnamene
Cinnamyl compounds
Citric acid phenolic esters
Coconut oil
Cresol
Cresyl carbonate
Cresyl dimethylphosphate
Cresyl phosphate
Cresyl thiophosphate
Cresyl paratoluenesulphethylanilide
Cresyl partoluenesulphonate
Cresylanilides
Cresylanilide phosphates
Cresylphenyl ether
Cresyl-phosphoric dianilide
Cresyl-phosphoric esters
Cyclic ethers
Cyclohexanol
Cyclohexanol acetate
Cyclohexanol formate
Cyclohexanyl phthalate
Cyclohexyl adipinate
Cyclohexyl benzylbenzoate
Cyclohexyl laevulinate
Cyclohexyl 2-naphtholbenzoate
Cyclohexyl phthalate
Cyclohexylethanolamine
Cyclopentanol
Cyclopentanol formate
Dextrin diacetate
Dextrin dibutyrate
Dextrin ditartrate
Dextrin pentacetate
Dextrin tetratartrate
Dextrin triacetate
Diacetin
Diacetochlorhydrin
Diacetonarabitic acid
Dialkyl oxalates
3:4-Diaminobenzoic acid
Diamyl oxalate
Diamyl phthalate
Diamyl tartrate
Dibenzenesulpho-2:7-dioxynaphthalene
Dibenzenesulphoparacresol
Dibenzyl benzenesulphamide
Dibenzyl parachlorobenzenesulphanilide
Dibenzyl paratoluenesulphamide
Dibenzyl partoluenesulphanilide
Dibenzyl paratoluenesulphoimide
Di-2-butyl octylphthalate
Di-2-butyl octylsuccinate
Dibutyl oxalate
Dibutyl phthalate
Dibutyl stearamide
Dibutyl succinate
Dibutyl tartrate
Dichlorobenzyl benzoate
3:6-Dichlorophthalic acid
Dicresylglyceryl ether
Dicresylin
Dicresyl methylphosphate
Dicresyl-phosphoric acid amylester
Dicresyl-phosphoric acid ethylester
Dicresyl-phosphoric acid methylester
Dicresyl-phosporic anilide
Dicyanodiamide
Dicyanodiamidin
Didimethylcyclohexanol oxalate
Diethyl adipate
Diethyl hydrophthalate
Diethyl isophthalate
Diethyl phthalate
Diethyl sebate
Diethyl tartrate
Diethylbromoacetylurea
Diethyldiphenylurea
Diethylsulphodimethylmethane
Diethylsulphomethylethylmethane
Diethylsulphone
Diethylurea
Diglycerol
Diheptylsulphone
Dihydroxybenzene
Dihydroxydinaphthyl ketone
Dihydroxydiphenyl sulphonate
Dihydroxydiphenylsulphone
Di-isoamylethylsulphone
Di-isoamylsulphone
Di-isobutyl phthalate
Di-isobutylsulphone
Di-iso-N-butylsulphone
Di-isopropylsulphone
Dimethyl adipate
Dimethyl phthalate
Dimethylaminobetacoumarin
Dimethylanilin
Dimethylcyclohexanol oxalate
Dimethylcyclohexylcarboxylic acid
2:4-Dimethyldimethylene dioxide
Dimethylphenyl carbamide
Dimethylsulphone
Dimethylurea
Dinaphthyl amylphosphate
Dinaphthyl carbonate
Dinaphthyl ketone
Dinaphthyl-phosphoric acid amylester
Dinaphthyl-phosphoric acid methylester
Dinaphthyl-phosphoric anilide
Dinitrobenzene
Dinitrodiphenylamine
Dinitrodiphenylethane
Dinitrotoluene
Dinitroxylene
Dioxydiphenyldiethylmethane
Dioxydiphenyldimethylmethane
Dioxydiphenylethylmethylmethane
Dioxynaphthol ketone
Diparasulpho-2:7-dioxynaphthalene
Diphenyl, chlorinated
Diphenyl carbonate
Diphenyl cresylphosphate
Diphenyl ether
Diphenyl ethylphosphate
Diphenyl oxide
Diphenyl phthalate
Diphenylbenzidin
Diphenylamine
Diphenylethane
Diphenylglyceryl ether
Diphenylmethane
Diphenyl-phosphoric acid amylester
Diphenyl-phosphoric acid cresylanilide
Diphenyl-phosphoric acid cresylester
Diphenyl-phosphoric acid ethylanilide
Diphenyl-phosphoric acid ethylester
Diphenyl-phosphoric acid methylanilide
Diphenyl-phosphoric acid methylester
Diphenyl-phosphoric acid naphthylanilide
Diphenyl-phosphoric acid naphthylester
Diphenyl-phosphoric acid phenylanilide
Diphenyl-phosphoric acid phenylester
Diphenyl-phosphoric anilide
Diphenylurea
Di-N-propylsulphone
Dodecyl acetate
Dodecyl alcohol
Dodecyl oleate
Edistin

(To be continued)

Essential Oils

Aromatic Chemicals

—Continued from page 49

tinuance of firm undertones so long as raw material shows its present strength.

Anisic Aldehyde.—Sellers were reserved to a considerable degree. Hardly more than normal purchases were being sold, sellers seeking to keep the market free from speculative tendencies. Prices were very firm and some said they may advance.

Benzaldehyde. — Basic costs of production have changed little in this country and hence sellers on the spot continued recent quotations unchanged, though reporting them naturally firmer in view of the general situation.

Benzyl Compounds. — Strength was evident in the market for this article, but it has not reached the point where a general advance in quotations has developed. Benzoate held all of its recent rise.

Bromstyrol.—Sellers were reserved, seeking to keep stocks in shape to the end that all legitimate consuming requirements may be supplied. Quotations were very firm.

Citral.—A fair sized reserve of this article was held in some quarters, but owners showed reserve in accepting orders for more than normal consumer needs.

Coumarin. — The leading domestic producers have indicated their intention to keep prices as stable as possible and to change them only when production costs forces the issue. In such an event, only the actual increase will be added to current quotations.

Diphenyl Oxide. — While reserves were not exceptional in size, they were still sufficient to assure a continuing supply to manufacturing consumers taking only their normal requirements. Prices were firm.

Eucalyptol.—Most sellers have withdrawn from the market. Inability to set production costs and uncertainty of a continuing supply of raw material have made all factors very reserved. Quotations were made only on receipt of inquiry.

Eugenol.—Production cost was rising in keeping with the raw material situation and the spot market throughout the past week was purely nominal. No quoted price was worth much unless made against actual orders.

Linalyl Acetate.—Strong undertones kept the spot market agitated last week, aided in that respect by an excellent volume of orders. Sellers were reserved and quotations were generally nominal.

Methyl Anthranilate.—A not too generous stock of imported goods existed locally and those holding such goods were slow in accepting orders involving more than regular needs. Also, only regular customers were being accommodated.

Musk.—Users of the artificial material will have to depend greatly on domestic producers since steady and normal exports from Switzerland are unlikely in view of the war that has crippled normal commercial enterprise on the continent.

Fritzsche Price Bulletins Temporarily Discontinued

Fritzsche Brothers, essential oils and aromatics, this city, has notified its trade that because of circumstances arising from the European war, the company feels that its usual price list would not be sufficiently informative. Therefore, it has temporarily stopped issuance of printed notices.

The European war has caused an epidemic of attempted forward buying, frequently out of proportion to normal needs and always aggravating the situation through creation of shortages and advance of prices against buyers' interest.

All orders are being priced individually as received and not on the basis of established schedules or previous purchases made by Fritzsche customers. Quantities are being scaled down to accord with the company's stocks. All quotations made are for spot delivery only.

Harry K. Herwitz, assistant executive director of the Division of Placement and Unemployment Insurance of the New York State Department of Labor, in charge of the planning unit, has resigned to accept appointment as chief of plans and procedures of the Railroad Retirement Board. The resignation was effective September 15.

Bids Wanted

Acid, Mixed:—15,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 352, opening September 26.
Muriatic:—30,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 346, opening October 12.
10,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 345, opening September 27.
Nitric:—10,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 345, opening September 27.
30,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 346, opening October 12.
Alcohol, Antifreeze:—5,500 gallons; Quartermaster Corps., C.C.C. Depot, Schenectady, N. Y.; procurement 3CCC, opening September 28.
Denatured: — 22,000 gallons; Purchasing Agent, Post Office Department, Washington, D. C.; procurement 1111, opening September 27.
Ethyl:—2,052 gallons for Perry Point; Procurement Division, Veterans Administration, Washington, D. C.; procurement 126, opening October 3.
Aluminum Ingots:—4,000 pounds; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 268, opening September 29.
Asphalt:—25,400 gallons; Treasury Department State Procurement Office, Old Post Office Bldg., Montgomery, Ala.; procurement 24656, opening September 29.
Calcium Chloride:—4,000 pounds; Quartermaster, Fort Devens, Mass.; circular 16, opening September 27.
Coaltar, Liquid:—3,900 gallons; Navy Purchasing Office, Federal Office Building, New York; schedule 6370, opening September 26.
Diphenylamine:—10,000 pounds; Commandind Officer, Picatinny Arsenal, Dover, N. J.; procurement 339, opening September 27.
Enamel, Interior:—2,000 gallons; Procurement Division, Treasury Department, Washington, D. C.; procurement 6643-S5, opening September 28.
Lacquer:—6,630 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 129, opening September 29.
Glyceryl Triacetate:—25,000 pounds, Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 338, opening September 27.
Kerosene:—65,000 gallons; Treasury Department State Procurement Office, 1060 Broad St., Newark, N. J.; procurement 30594, opening September 26.
20,000 gallons; Navy Purchasing Office, Federal Office Building, New York; schedule 6407, opening September 28.
Lacquer Solvent:—680 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 129, opening September 29.
Lead, Dry Red:—12,000 pounds; U. S. Engineer, P. O. Box 97, Memphis, Tenn.; procurement 70, opening September 26.
Nitrate:—225 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 137, opening October 6.
White:—24,000 pounds; U. S. Engineer, P. O. Box 97, Memphis, Tenn.; procurement 70, opening September 26.
Nitrogen: — 310,200 cubic feet; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 146, opening October 12.
Oil, Fuel:—160,000 gallons; U. S. Engineer Office, Custom House, Philadelphia, Pa.; procurement 85, opening September 25.
45,000 gallons; U. S. Engineer Office, Custom House, Philadelphia, Pa.; procurement 81, opening September 25.
7,000 barrels; U. S. Engineer Office, Mobile, Ala.; procurement 71, opening September 25.
7,000 barrels; U. S. Engineer Office, Mobile, Ala.; procurement 72, opening September 25.
7,000 barrels; U. S. Engineer Office, Mobile, Ala.; procurement 73, opening September 25.
3,000 barrels; U. S. Engineer Office, Mobile, Ala.; procurement 74, opening September 25.
Linseed, Raw:—2,000 gallons; Procurement Division, Treasury Department, Washington, D. C.; procurement 6641-S5, opening September 27.
Paint, Iron Hydroxide:—3,000 pounds, semipaste; Commanding Officer, Frankfort Arsenal, Pa.; invoice 325, opening September 27.
Soap, Chips:—10,000 pounds; Quartermaster Supply Officer, Brooklyn, N. Y.; invoice 64, opening September 29.
Green:—5,000 pounds for Chicago; Procurement Division, Veterans Administration, Washington, D. C.; procurement 112, opening September 29.
Laundry:—500,000 pounds; Quartermaster Supply Officer, Brooklyn, N. Y.; invoice 64, opening September 29.
Laundry, Powdered: — 300,000 pounds; Quartermaster Supply Officer, Brooklyn, N. Y.; invoice 64, opening September 29.
Toilet: — 250,000 cakes; Quartermaster Supply Officer, Brooklyn, N. Y., invoice 64, opening September 29.
Soda, Caustic:—1,700 pounds, Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 137, opening October 6.
Laundry, Washing:—300,000 pounds, Quartermaster Supply Officer, Brooklyn, N. Y.; invoice 64, opening September 29.
Thiosulphate: — 1,750 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 137, opening October 6.
Solvent, Drycleaning:—7,000 gallons; Quartermaster Supply Officer, San Antonio General Depot, Fort Sam Houston, Tex.; procurement 503-68, opening September 27.
3,000 gallons; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 373, opening October 2.
Starch, Laundry:—75,000 pounds; Quartermaster Supply Officer, Brooklyn, N. Y., invoice 64, opening September 29.
Strontium Nitrate, Anhyd.:—315 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 385, opening October 4.
Sulphur:—10 tons; Chief, Service Operations Div., Soil Conservation Service, Dept. of Agriculture, Milwaukee, Wis.; procurement R5-SCS-1507, opening September 28.
Tar:—12,700 gallons; Treasury Department State Procurement Office, Old Post Office Bldg., Montgomery, Ala.; procurement 24657, opening September 29.
Tin, Ingot:—350 pounds; Associate Business Manager, Federal Prison Industries, Chillicothe, Ohio; procurement 773, opening September 26.
Trinitrotoluene: — 5,000,000 pounds; Commanding Officer, Picatinny Arsenal, Dover, N. J.; procurement 358, opening October 2.
Turpentine:—8,000 pounds; U. S. Engineer Office, P. O. Box 97, Memphis, Tenn.; procurement 75, opening September 26.
Wax, Paraffin:—300 pounds; Procurement Division, Treasury Department, Washington, D. C.; procurement 6653-S, opening September 27.

Industrial Uses of Chemicals and Related Materials

(Formerly Styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-sixty-fourth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

3'-Amino-4'-methoxybenzyl-4-hydroxy-3-methylphenylsulphone-5-carboxylic Acid

Dye

Starting point (Brit. 452424, 455711, and 491862) in making—
Violet blue, grey, and green, chrome dyes for wool by reacting with anthraquinone derivatives

Butyl Malonate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, and the like

6-Chlor-4-amino-1:3-di-orthochlorophenoxybenzene

Textile

Starting point (Brit. 488595) in making—
Diazotized red dyes on cotton yarn by coupling on the fiber with—
Acetoacetic acid arylamides
2:3-Hydroxynaphthoic acid arylamides

Dibetanaphthylparaphenylenediamine

Chemical

In organic syntheses

Dye

In dye syntheses

Paper

Antioxidant (Brit. 468450) for—
Rosin soaps

Soap

Antioxidant (Brit. 468450) for—
Rosin soaps

Fuller's Earth

(Bleaching Earth, Bleicherde, Florida Earth, Floridan Earth, Floridin, Floridine, Fullererde, Terre decolorante, Terre a Foulon, Walkerde, Walkererde, Walkerton, Walkton)

(Note: Though not always so stated, it is probable that applications as a catalyst refer to the "activated" product)

Abrasives

Ingredient (U.S. 1364849) of—
Abrasive composition

Analysis

In analytical processes involving control and research in science and industry

Automotive

Process material (U.S. 1511316) in making—
Commutator

Bituminous

Extractant (U.S. 1278023) for hydrocarbons from—
Asphalt
Ingredient (U.S. 1372467) of—
Asphaltic binder
Refining, purifying, and treating agent for—
Distilled gilsonite (U.S. 1459328)
Hydrocarbons (U.S. 1215526, 1340689, 1433050, 1433051, 1433052, 1435824, 1504772, and 1515733)
Separating agent (U.S. 1472384 and 1472385) for—
Water from hydrocarbons
Vapor-filtering agent (U.S. 1433050, 1433051, and 1433052) for—
Hydrocarbons

Building Construction

Ingredient of—
Building material (U.S. 1408760)
Burial vault construction material (U.S. 1478769)
Concrete expansion joint (U.S. 1279918)
Road binders (U.S. 1311215, 1311216, and 1311219)
Road paving (U.S. 1279918)
Roofing (U.S. 1279918)

Cellulose Products

Polymerizing agent (Brit. 487652) in making—
Plasticizers and swelling agents for cellulose esters and ethers (with which they yield strong, clear, crease-resisting films)

Chemical

Absorbent for

Fats	Nickel carbonyl (U.S. 1436662)
Gases	Oils
Greases	Vapors
Liquids	

Accelerator (U.S. 1455284) of—
Sulphur combustion
Adsorbent for—
Colloidal particles
Coloring matters
Dispersed substances
Dissolved substances
Impurities
Suspended substances
Catalyst in making—
Acetylene products (U.S. 1421743)
Alkyl substituted cyclopentanones (Ger. 625758)
Aminoketones from aromatic amines and carboxylic acids or their anhydrides (Brit. 397505)
Aryl ketones from aromatic hydrocarbons and carboxylic acids or their anhydrides (Brit. 397505)
Condensations
Cresyl benzoate from benzoic acid and cresol (Ger. 565969)
Cymene from dipentene (U.S. 1746532 and 1893802)
Cymene from pine oil (U.S. 1893802)
Cymene from terpineol (U.S. 1893802)
Dehydrations
Diamylene from amylene
Hydroxy ketones from phenols and carboxylic acids or their anhydrides (Brit. 397505)
Phenol ethers (U.S. 1469709)
Phenol esters from phenols and carboxylic acids or their anhydrides (Brit. 397505)
Phenolic esters
Phenols (Ger. 519728, 520859, 529878, 544801, and 598298)
Polymerizations
Propylene from cymene (Ger. 483640)
Toluene from cymene (Ger. 483640)
Cataylst carrier in making—
Benzins from cresol and hydrogen (Brit. 379587, 379755, and 407127)
Cyclohexane from benzene and hydrogen (Brit. 379587, 378755, and 407127)
Decahydronaphthalene from naphthalene and hydrogen (Brit. 379587, 379755, and 407127)
Succinic acid (U.S. 1491465)
Tetrahydronaphthalene from naphthalene and hydrogen (Brit. 379587, 379755, and 407127)
Clarifying agent for—
Various purposes
Clarifying agent in purifying—
Benzene (U.S. 1297635)
Enzyme extracts (U.S. 1460736)
Sludge sulphonic acids (U.S. 1495891)
Decolorizing agent for—
Various purposes
Decolorizing agent in processing—
Phthalic anhyride (U.S. 1301388)
Stearic acid (U.S. 1132054)
Sulphur dichloride (U.S. 1464137)
Sulphur monochloride (U.S. 1464137)
Filtering medium for—
Various purposes
Polymerizing agent (Brit. 487652 in making—
Sizes for various purposes
Textile lubricants
Process aid in making—
Aluminum chyoride (U.S. 1489021)
Amines (U.S. 1504730)
Anthranilic acid (U.S. 1458715)
Benzin (U.S. 1221698 and 1515733)
Benzoylecgonine (U.S. 1218536)
Catalysts (U.S. 1158664, 1167915, 1232830, 1251202, and 1482740)
Chlorinated compounds (U.S. 1425882, 1425883, and 1425884)
Decolorizing carbons (U.S. 1308826, 1447461, 1504730, and 1510284)
S-Dichloroethane (U.S. 1224485)
1:2-Dichloropropane (U.S. 1224485)
Ecgonine (U.S. 1218536)
Hydrochloric acid (U.S. 1489021 and 1492184)
Ketones (U.S. 1504730)
Silicon dioxide (U.S. 1489021)
Silicon tetrachloride (U.S. 1489021)
Sodium anthranilate (U.S. 1458715)
Sulphur dioxide (U.S. 1489021)
Treating agent for—
Sulphuric acid (U.S. 1256233, 1471201, and 1492184)

Coal Products

Ingredient (U.S. 1174199 and 1407279) of—
Binders for briquetted coal
Polymerizing agent (with ferric sulphate) (U.S. 1894934) for—
Coaltar naphtha fractions containing coumarone and indene constituents
Refining agent (U.S. 1221698, 1439171, and 1515733) for—
Naphtha
Remover (U.S. 1311987) of—
Coaltar oil from aluminum chloride

Cosmetic

Base in—
Powders
Substitute for—
Talc

Electrical

Absorbent and filler (U.S. 1279918) in—
Electric insulation

(To be continued)

Mercury Selenocyanate

Agriculture

Sterilizer (Brit. 490436) for—
Grain

Insecticide

As a parasiticide

Paint and Varnish

Ingredient (Brit. 490436) of—
Antifouling paints

Methyl(acetoxymethyl) Phthalate

Ceramic

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2115709) for—
Cellulose esters or ethers
Synthetic resins

Cosmetic

Plasticizers (U.S. 2115709) in—
Nail enamels and lacquers containing cellulose esters or ethers as base material

Electrical

Plasticizer (U.S. 2115709) in—
Insulating compositions, containing synthetic resins and cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 2115709) in—
Adhesive compositions containing synthetic resins and cellulose esters or ethers

Leather

Plasticizer (U.S. 2115709) in—
Composition, containing synthetic resins and cellulose esters or ethers, used in the manufacture of artificial leather and as coatings for protecting and decorating leather and leather goods

Fabricating

Plasticizer (U.S. 2115709) in—
Coating compositions, containing synthetic resins and cellulose esters or ethers, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2115709) in—
Coating compositions, containing synthetic resins and cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 2115709) in—
Paints, varnishes, lacquers, enamels, and dopes containing synthetic resins and cellulose esters or ethers

Paper

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 2115709) in making—
Films from cellulose esters or ethers

Plastics

Plasticizer (U.S. 2115709) in making—
Laminated fiber products
Molded products
Plastics from or containing synthetic resins and cellulose esters or ethers

Resins

Plasticizer (U.S. 2115709) for—
Synthetic resins
Plasticizer (U.S. 2115709) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2115709) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as protective and decorative coatings on woodwork

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ESTABLISHED CINCINNATI firm covering Ohio and Louisville, Kentucky, would be interested in representing A-1 producers of pigments, oils, chemicals, or other raw materials. BOX 518, Oil, Paint, and Drug Reporter.

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FOR SALE:—Sixty year old manufacturing business, making a U.S.P. package item sold in every drug store; fully equipped factory. Sell, lease building. Would be good sideline. BOX 542, Oil, Paint and Drug Reporter.

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FIREPROOF FACTORY 150'x94', one-story, 20' headroom, concrete floor, sprinkler system, complete office, railroad siding. Unrestricted district in Brooklyn, near subway. Rent $300 month. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

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WANTED:—A salesman about 35 with fundamental knowledge of chemistry and successful selling record of pigments or chemicals to paint or rubber trade. Good opening with whiting manufacturer in middlewestern territory. BOX 512, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST, ENGINEER with 26 years manufacturing experience, 47 years old. Had charge chemical plant during last war. Have never been out of work all during depression. Available on short notice. BOX 524, Oil, Paint and Drug Reporter.

TABLET MAKER—Young man with seven years of experience; completely familiar with granulating, compressing, coating, and enteric coating tablets. BOX 529, Oil, Paint and Drug Reporter.

Positions Wanted

TECHNICAL GRADUATE, age 37, experienced in research and sales in rubber, pyroxylin and coated textiles. Desires connection in sales capacity. BOX 538, Oil, Paint and Drug Reporter.

SALESMAN and detail man with thorough experience in pharmaceuticals, biologicals, chemicals, wishes to connect with first class firm. Fine record and highest type references. BOX 539, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, Columbia graduate, B.S. 1936, single, age 24, experienced in analysis of pharmaceuticals, foods, cosmetics, soaps and liquors. BOX 540, Oil, Paint and Drug Reporter.

POSITION WANTED in sales or promotion capacity by man, 25 years of age, 2½ years' experience in the manufacturing of extracts and bakers' specialties; hence have technical qualifications for contacts with buyers of materials. BOX 543, Oil, Paint and Drug Reporter.

SALES REPRESENTATIVE with technical experience and knowledge of chemistry desires connection with reliable firm in raw material field. Qualified by experience in various branches of the chemical industry. Now employed. BOX 544, Oil, Paint and Drug Reporter.

SALESMAN, 10 years' experience, wants sideline with present shellac line; calling on paint manufacturers, jobbers, paint and hardware stores, furniture manufacturers, leather, hat, electrical and plastic manufacturing trades, in New Jersey, upstate New York and part Connecticut. Commission basis. Own car. Manufacturers only. BOX 545, Oil, Paint and Drug Reporter.

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PAINT and varnish maker, many years' experience, wishes position. Makes the best selling flats, glosses, enamels, industrials and everything in paint line. Salary not as important as opportunity to work. BOX 541, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

CHEMICAL PLANTS designed, erected, and operated. Clarence P. Harris, 174 Madison avenue, New York, N. Y.

Surplus Stock

CHECK INVENTORIES.—Cash for any quantity, surplus finished or raw materials—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also purchase complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City, WAlker 5-4250.

WANTED

We will buy your idle or surplus machinery — single items to complete plants.

Send us a list of Kettles, Filter Presses, Dryers, Mixers, Roller Mills, Pulverizers, Crushers, Pumps, etc.

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12—10 ft. x 30 ft. Vertical Closed Steel Storage Tanks, 18,000 gals.
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4—Bartlett and Snow Steel Jacketed Agitated Digestors, 1600 gals.
18—Jacketed Copper and Aluminum Kettles 20 gals. to 500 gals.
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2—Vallez Rotary Filters, 25 filter plates; about 450 sq. ft. of filtering surface.
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7—3-roll Roller Mills, up to 16 x 40.
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12—Ball Mills, 10 gal. to 500 gal.
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Many other attractive bargains. Send for latest circulars.

Consolidated Products Co., Inc. 13-18 Park Row :: :: New York, N.Y.
SHOPS—335 Doremus Ave., Newark, N.J.

Oils, Fats and Waxes

—Continued from page 41

Waxes

Bayberry.—Firm prices were restored in a very strong market. The quote was 33c. to 35c. per pound, made without offer and subject to confirmation.

Bees.—Import costs have risen and spot prices on African wax were advanced to 24c. per pound, nominal. Brazilian crude wax was 28c. per pound, nominal. Refined yellow and white bleached wax maintained the recent advance. Demand was very active.

Candelilla. — Shipment prices from the source came in higher but spot goods continued to be offered at 16½c. per pound minimum. Demand was excellent.

Carnauba.—All prices were nominal. Demand for spot goods has reduced holdings to insignificant size. Call for forward delivery parcels was active and kept the market boiling to such an extent that it was impossible definitely and accurately to state exactly what the market was. On the spot, all quotations were nominal, ton lots on that basis being named as follows:— Chalky, 36c. per pound. North Country No. 3, 38c.; No. 1 and No. 2 yellow, no prices; refined, 38c.

Ceresin. — Quotations on domestic wax were higher, the result of higher cost raw material, increase in demand, and absence of imported merchandise on this market. The market was:— 138-140 m.p., ton lots, 9c. per pound; 150-160 m.p., 10½c.; 160 m.p., 11½c. Smaller lots commanded fractionally higher prices.

Japan.—Import offerings were made on a c. & f. basis. Hence, insurance was for the account of buyer. Also, any changes in ocean freight and war risk insurance prior to shipment of goods was for the account of buyer, too. Spot quotations were higher at 17c. per pound, nominal.

U.S. Building Stock Of Strategic Materials

—Continued from page 3

asked to quote prices for various quantities at various delivery points. It is understood no limit has been placed on the quantity to be purchased in order to prevent any disturbance to the market and in order to obtain the best possible price.

Bids for manganese will be opened October 19, and call for delivery at points in the port of Baltimore, Md., or at the Army Ordnance Depot at Ogden, Utah. All bids are to be on ferro grade of a minimum manganese content of 48 percent, but three grades are specified, varying in their content of iron, silica, phosphorus, alumina, and zinc. Bids for delivery at Ogden are for smaller quantities than for delivery at Baltimore, indicating a desire to obtain bids from domestic producers in the western states.

Bids for chrome ore and tungsten ore will be opened October 20. Bids for chrome ore are for delivery at the U. S. Army General Depot, New Cumberland, Pennsylvania, or at Odgen, and the specifications call for 48 percent chromium oxide. Bids for tungsten ore call for delivery at the U. S. Army General Depot, Columbus, Ohio, and the specification is for a minimum content of 60 percent tungsten trioxide.

Navy Buys Tungsten Ore

The Navy Department on September 21 awarded a $438,000 contract for tungsten ore to the Metal & Ore Corporation, of New York.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Chemicals:—Agency; Alexandria, Egypt (3774).

Coaltar Intermediates:—Agency; Alexandria, Egypt (3774).

Cosmetics:—Agency; Cairo, Egypt (3720).

Dyestuffs:—Agency; Alexandria, Egypt (3774).

Lacquers:—Agency; Cairo, Egypt (3730).

Linseed oil:—Agency; Cairo, Egypt (3720).

Medicinals:—Agency; Calcutta, India (3718).

Medicinals:—Agency; Guayaquil, Ecuador (3725).

Paints:—Agency; Cairo, Egypt (3730).

Pharmaceuticals:—Agency; Alexandria, Egypt (3721).

Pharmaceuticals:—Purchase and agency; Calcutta, India (3755).

Photographic chemicals:—Agency; Baghdad, Iraq (3756).

Pine oil:—Agency; San Diego, Cuba (3719).

Plastics:—Purchase; Mexico City, Mexico (3717).

Proprietary products:—Agency; Bombay, India (3716).

Proprietary products:—Purchase and agency; Calcutta, India (3755).

Rosin:—Purchase and agency; Sydney, Australia (3790).

Talcum Powder:—Agency; Calcutta, India (3791).

Toilet preparations:—Agency; Alexandria, Egypt (3721).

Toilet preparations:—Purchase and agency; Calcutta, India (3755).

Toilet preparations:—Agency; Cairo, Egypt (3722).

Toothpaste:—Purchase and agency; Straits Settlements (3681).

Turpentine:—Agency; Cairo, Egypt (3730).

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Federation Tech School Plans Chemistry Course

The Federation Technical School, this city, a non-profit cooperative institution sponsored by the only national union for technical men and women, the Federation of Architects, Engineers, Chemists and Technicians, will feature in its curriculum this Fall a special section devoted to chemistry, which includes technology of paints, varnishes and allied products; recent developments in the chemical industry; analysis of food, drugs and cosmetics for the consumer. The sessions on recent developments in the chemical industry will study resins and synthetic plastics; synthetic fibers; chemicals and petroleum; vitamins and hormones; gas and oil; synthetic rubber; soaps and waxes.

Botany Worsted Mills, Passaic, N. J., will receive $1,259,927 for overassessment of income and the profit taxes by the Federal Bureau of Internal Revenue for 1919.

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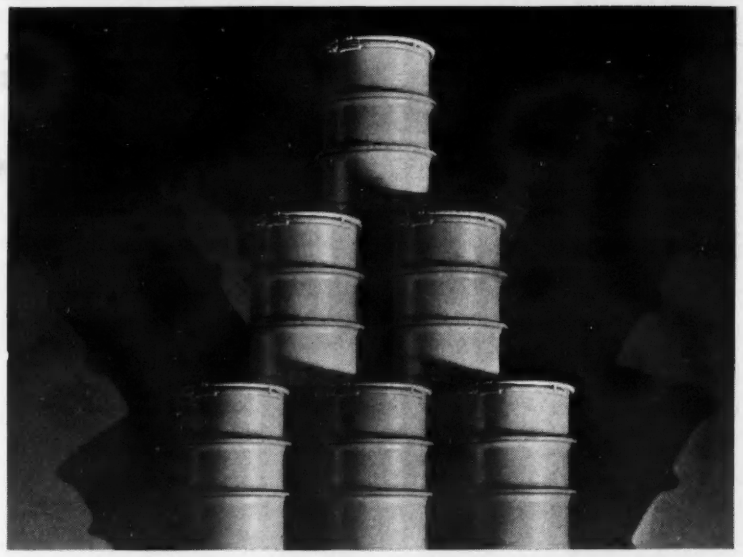

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